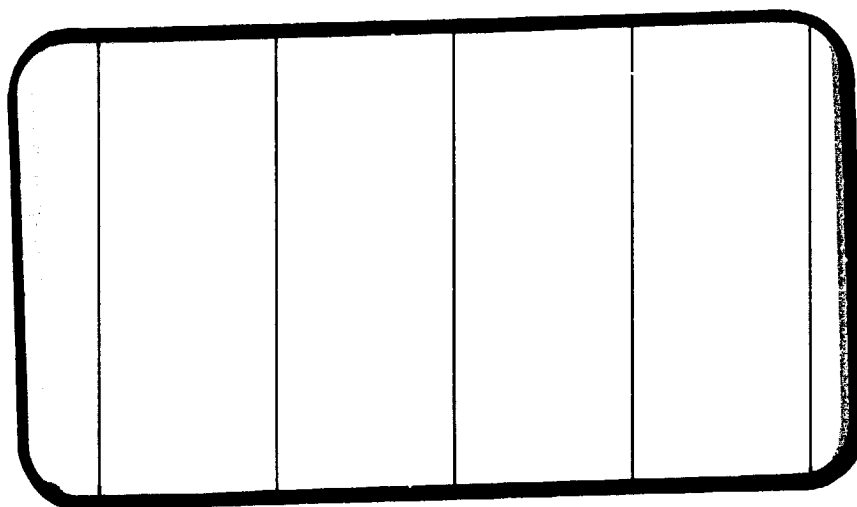# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA CR-
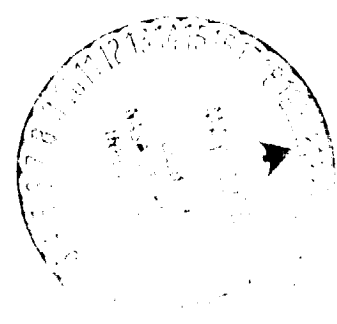
141503

(NASA-CR-141503)   AIRLOADS INVESTIGATION OF   N75-23665
AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE
VEHICLE 140A/B LAUNCH CONFIGURATION (MODEL
47-OTS) IN THE ARC 11-FOOT UNITARY PLAN WIND   Unclas
TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A).   G3/18 20540

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

AIRLOADS INVESTIGATION OF AN 0.030-SCALE MODEL
OF THE SPACE SHUTTLE VEHICLE
140A/B LAUNCH CONFIGURATION (MODEL 47-OTS)
IN THE ARC 11-FOOT UNITARY
PLAN WIND TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A)

by

R. L. Gillins
Rockwell International Space Division

WIND TUNNEL SPECIFICS:

    Test Number: ARC 11-716
    NASA Series No.:   IA14A
    Model Number: 47-OTS
    Test Dates: 4 through 13 September 1973

FACILITY COORDINATOR:

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Chrysler Corporation Space Division assumes no responsibility for the
data presented other than display characteristics.

AIRLOADS INVESTIGATION OF AN 0.030-SCALE MODEL

OF THE SPACE SHUTTLE VEHICLE

140A/B LAUNCH CONFIGURATION (MODEL 47-OTS)

IN THE ARC 11-FOOT UNITARY

PLAN WIND TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A)

VOLUME 11

By R. L. Gillins, Rockwell International Space Division

ABSTRACT

This report presents results of tests conducted on an 0.030-scale
launch configuration model of the Space Shuttle Vehicle 140A/B in the
NASA/ARC 11-Foot Unitary Plan Wind Tunnel. Aerodynamic loads data were
obtained at Mach numbers from 0.6 to 1.4.

Surface pressure distributions were obtained simultaneously with six-
component stability and control force data on the complete launch configu-
ration. The configuration consisted of the orbiter, an external tank,
two solid rocket boosters, and associated intercomponent attach hardware.
Angles of attack and sideslip from -10 degrees to +10 degrees were inves-
tigated. The tests, designated IA14A, were conducted from 4 September
1973 through 13 September 1973.

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INDEX OF MODEL FIGURES

INTRODUCTION

The 0.03C-scale aero loads Space Shuttle Model was tested in the ARC Unitary Plan Wind Tunnels as follows:

IA14A	4 thru 13 Sept. 1973
IA14B	17 thru 19 Sept. 1973
OA22A	13 thru 14 Sept. 1973
OA22B	19 thru 20 Sept. 1973

For tests IA14B, OA22A, and OA22B, see reference 34, 35, and 36, respectively.

The testing was conducted in the 11-foot and the 9- by 7-foot tunnels of the ARC Unitary Plan Wind Tunnels. The IAI4A/B tests were for the launch configurations at Mach numbers from 0.6 to 2.2. The OA22A/B tests were for the orbiter alone configuration at Mach numbers from 0.6 to 2.2. The effects of control surface deflections were also investigated in tests OA22A/B.

This report for test IA14A consists of one volume of force data and ten volumes of pressure data for a total of eleven volumes arrayed in the following manner:

Volume No.	Contents	Page
1.	IA14A force data	
2.	IA14A plotted pressure data	
3.	IA14A tabulated pressure data	
	(a) Orbiter fuselage (B)	1-725
	(b) Orbiter base (C)	726-918

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Volume No.	Contents	Page

NOMENCLATURE
General

SYMBOL	SADSAC SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$

Reference & C.G. Definitions

A_b		base area; m^2, ft^2
b	BREF	reference span; m, ft
c.g.		center of gravity
$\bar{c}$		reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

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NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	SADSAC SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\dfrac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\dfrac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\dfrac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\dfrac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\dfrac{\text{pitching moment}}{qSl_{REF}}$
C_n	CYN	yawing-moment coefficient; $\dfrac{\text{yawing moment}}{qSb}$
C_l	CBL	rolling-moment coefficient; $\dfrac{\text{rolling moment}}{qSb}$

Stability-Axis System

SYMBOL	SADSAC SYMBOL	DEFINITION
C_L	CL	lift coefficient; $\dfrac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\dfrac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\dfrac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\dfrac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\dfrac{\text{pitching moment}}{qSl_{REF}}$
C_n	CYN	yawing-moment coefficient; $\dfrac{\text{yawing moment}}{qSb}$
C_l	CBL	rolling-moment coefficient; $\dfrac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D

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NOMENCLATURE (Continued)
Additions To Standard List

Symbol	SADSAC Symbol	Definition
$A_{(\ )}$		model base area, subscript is base orifice number and identifies location
C_{A_b}	CAB	model base axial-force coefficient
$C_{P_{(\ )}}$		model static pressure coefficient, subscript is orifice number, $[p_{(\ )} - p_\infty]/q$
C_{AU}	CA	axial-force coefficient, unadjusted
C_{AF}	CAF	forebody axial-force coefficient, C_{AU} adjusted for base terms
ET		external tank
IV		integrated vehicle, consists of orbiter, external tank, and two solid rocket motors
l_{REF}	LREF	reference length, inches
MRC		moment reference center
OMS		orbital maneuvering system
δ_e	ELEVON	elevon, surface deflection angle, positive deflection trailing edge down, degrees
δ_f	BDFLAP	orbiter body flap deflection angle, positive deflection angle is trailing edge down, degrees
δ_R	RUDDER	rudder, surface deflection angle, positive deflection trailing edge to the left, degrees
δ_{SB}	SPDBRK	speed brake deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{SB} = (\delta_{RL} + \delta_{RR})/2$, positive deflection, degrees
i_o	ORBINC	incidence angle between the orbiter and external tank, $i_0 = \alpha_0 - \alpha_T$, degrees

β_T	BETAT	angle of sideslip of external tank, degrees
α_T	ALPHAT	angle of attack of external tank, degrees
ℓ_B	LB	length of orbiter body, in
ℓ_T	LT	length of external tank, in
ℓ_S	LS	length of SRM booster, in
ℓ_{NM}	LNM	length of OMS nozzle, positive direction forward of exit plane, in
ℓ_{NP}	LNP	length of MPS nozzle, positive direction forward of exit plane, in
b/2	BW	wing semi-span, in
b_V	BV	vertical tail span, in
x	X	distance from component nose, in
y	Y	lateral distance from centerline, in
z	Z	vertical distance measured from W.L. 500 (vertical tail reference root chord), in
c_W	CW	local wing chord, in
c_V	CV	local vertical tail chord, in
x/ℓ_B	X/LB	longitudinal position/orbiter body length
x/ℓ_T	X/LT	longitudinal position/external tank length
x/ℓ_S	X/LS	longitudinal position/booster length
x/ℓ_{NM}	X/LNM	longitudinal position/OMS nozzle length

NOMENCLATURE (Concluded)

x/ℓ_{NP}	X/LNP	longitudinal position/MPS nozzle length
x/c_w	X/CW	local chordwise position/local wing chord length
x/c_v	X/CV	local chordwise position/local vertical tail chord length.
η	Y/BW	local spanwise position/wing semi-span
η_v	Z/BV	local spanwise position/vertical tail span
x_{CP}/ℓ	XCP/L	center of pressure distance from MRC, expressed as a fraction of body length
β_0	BETAO	angle of sideslip of orbiter
α_0	ALPHAO	angle of attack of orbiter

CONFIGURATIONS INVESTIGATED

The 0.030-scale Aero Loads Model, 47-OTS, was configured after the Shuttle Vehicle MCR 0200 Baseline R1, as defined in drawing number VL70-000088B. The orbiter configuration was a combination of the VL70-000140A orbiter and a VL70-000140B wing and midbody, from which the 140A/B designation was derived. The basic launch configuration consisted of the orbiter, an external tank with simulated fuel and vent lines, and two solid rocket boosters, designated $O_1 T_{12} S_{12} N_{25}$.

Three launch configurations were tested. One was the basic configuration described above mounted on a dual balance and sting arrangement, illustrated in figure 2d. A second contained attach hardware, designated AT_{10}, mating the orbiter with the external tank and mounted on a single sting and balance in the orbiter, illustrated in figure 2b. The third utilized a similar attach hardware configuration, designated AT_{11}, which was attached to the orbiter but not to the external tank and was mounted on the same dual sting and balance arrangement as the basic configuration (figure 2c). In all three configurations, the SRB-to-ET attach hardware was simulated at the forward attach location but not at the aft attach location. Model and component general arrangements are shown in figures 2e through 2o.

Component	Description
O_1	140A/B orbiter minus the main propulsion system nozzles
T_{12}	324-inch diameter external tank with ogive nose and external fuel and vent lines
S_{12}	142.3-inch diameter solid rocket boosters

N_{25} — Nozzles for S_{12} boosters

AT_{10} — Orbiter-to-ET attach hardware, fixed to both vehicles

AT_{11} — Orbiter-to-ET attach hardware, fixed to orbiter only

LV — $O_1 \ T_{12} \ S_{12} \ N_{25}$

LVA — $O_1 \ T_{12} \ S_{12} \ N_{25} \ AT_{10}$

LVAP — $O_1 \ T_{12} \ S_{12} \ N_{25} \ AT_{11}$

The orbiter O_1, consisted of the following components:

$$B_{26} \ C_9 \ F_8 \ M_7 \ N_{28} \ V_8 \ R_5 \ W_{116} \ E_{26}.$$

B_{26} — Double delta wing fuselage, 140A/B

C_9 — Canopy, 140A

F_8 — Body flap, 140A

M_7 — OMS pods, 140A

N_{28} — OMS nozzles, 140A

V_8 — Vertical tail, 140A

R_5 — Rudder, 140A

W_{116} — Double delta wing, 140B

E_{26} — Elevons, 140B

Parametric investigations were limited to angles of attack and side-slip with all orbiter control surfaces at 0° deflection.

INSTRUMENTATION DESCRIPTION

The left side of the orbiter and the external tank and the left hand SRB were extensively instrumented with pressure orifices for measurement of surface static pressure distributions. Additionally, there were clusters of orifices around inter-component attach structure locations on the right hand side of the orbiter and external tank. The orbiter contained 471 operational orifices, of which 83 were clustered around attach structure. The external tank contained 270 operational orifices, of which 127 were clustered around attach structure. The SRB contained 124 operational orifices. A three-tube total pressure rake was installed in the opening between the orbiter and external tank. Tables and sketches defining orifice locations are included in this report. All model pressures were measured by model mounted Scanivalve, Inc., S-type scanivalve modules - twelve in the orbiter, seven in the external tank, and five in the SRB.

Force instrumentation consisted of a six-component internal force balance in both the orbiter and external tank for the LV and LVAP configurations, and a single six-component internal force balance in the orbiter for the attached LVA configuration.

TEST FACILITY DESCRIPTION

The tests were conducted in the Ames 11- by 11-Foot Transonic Wind
Tunnel which is a variable density, closed return, continuous flow type.
This tunnel has an adjustable nozzle (two flexible walls) and a slotted
test section to permit transonic testing over a Mach number range continuously
variable from 0.4 to 1.4.

DATA REDUCTION

Data were reduced to coefficient form about body axes using the following reference constants:

S_{REF} = 2.421 ft^2 reference area for force and moment coefficients

ℓ_{REF} = 38.709 in   reference length for moment coefficients

A_1 = 0.07670 ft^2 Orbiter sting cavity

A_2 = 0.21340 ft^2 Orbiter heat shield base

A_3 = 0.08560 ft^2 Orbiter OMS base (2)

A_4 = (see table below) Orbiter speed brake base

A_{501} = 0.07266 ft^2 Tank sting cavity

A_{502} = 0.44264 ft^2 Tank base

A_{801} = 0.19600 ft^2 SRM nozzle base (2)

A_{802} = 0.16590 ft^2 SRM skirt base (2)

δ_{SB} =	deg	A_4 =	ft^2
	0		0
	14.92		0.02327
	24.92		0.03866
	34.92		0.05370
	54.92		0.08252
	84.92		0.12083

X_{MRP} = 0   in

Y_{MRP} = 0   in

Z_{MRP} = 9.99 in

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The incidence angle between the orbiter and the external tank is equal to zero for angle of attack and angle of sideslip. Therefore, the angle of attack, ALPHA, used in the force plots is equal to ALPHAO. Also the angle of sideslip, BETA, used in the force plots is equal to BETAO.

The force and moment data recorded by the orbiter balance for configuration LV and LVAP are identified as RB1OXX datasets. Force and moment data recorded by the tank balance for configuration LV and LVAP and by the orbiter balance for LVA (composite) are identified by RB1IXX.

The pressure data were recorded for each component. The fourth character in each dataset identifier (i.e. RB1BXX, B for fuselage) represents the individual component. The following list indicates the symbol for each component.

SYMBOL	COMPONENT
B	Orbiter fuselage
C	Orbiter base
E	OMS nozzle
F	Body flap
M	OMS pod outside
L	Lower wing surface
U	Upper wing surface
R	Right vertical tail surface
V	Left vertical tail surface
S	SRM booster
T	External tank
X	SRM nozzle

SYMBOL	COMPONENT
Y	External tank base & SRM booster base
1	Orbiter attach points
2	External tank attach points
3	External tank base rake

REFERENCES

1. Orbiter - Lines and Configuration Control Drawings

2. VL70-000140A, Orbiter Configuration Control Drawing MCR 0200 Baseline

3. VL70-000143A, Lines Control, Vehicle 4 Forward Body - Cabin - Canopy MCR 0200 Baseline

4. VL70-000200, Lines Control, Midbody - Wing - Boot Fairing MCR 200 R3 dated 7-2-73

5. VL70-000145, Lines Control - Aft Body - OMS/RCS Pods, MCR 0200 - R1 baseline

6. VL70-000146A, Lines Control (Vehicle 4) Vertical Tail MCR 0200 Baseline

7. External Oxygen Hydrogen Tank (EOHT) - Lines and Configuration Control Drawings

8. VL78-000041B, External Tank - Configuration Control MCR 0200 Baseline R2

9. VL78-000024A, Structural Assy - External Tank MCR 0200 R2

10. VL78-000031A, Thermal Protection - External Tank, MCR 0200 Baseline

11. Solid Rocket Boosters (SRB) - Lines and Configuration Control Drawings

12. VL77-000036A, SRB Configuration Control MCR 0200 R1

13. VL77-000041, SRB Booster Assy, MCR 0200 R1

14. Integrated Vehicle - Lines and Configuration Control Drawings

15. VL72-000088A, Shuttle Configuration MCR 0200 Baseline R1

16. VL72-000089, SRB-ET-Orbiter Interface Disconnects MCR 0200 Baseline

17. VL72-000075, External Tank to SRB Attach Interface MCR 0074 Baseline

18. Aero Loads Model 47-0TS - Model Fabrication, Assembly and Installation Drawings

19.   SS-A00119, Orbiter Assy - .030 Scale Pressure/Loads Model
(140A/B Lines)

20.   SS-A00120, Assy & Details - EOHT - .030 Scale Pressure/Loads
Model (140A Lines)

21.   SS-A00121, Orbiter/EOHT Attachments .030 Scale Pressure/Loads
Model (140A Lines)

22.   SS-A00122, Assy & Details - SRM - .030 Scale Pressure/Loads
Model (140A Lines)

23.   SS-A00123, Assy & Details - Forebody - .030 Scale Pressure/
Loads Model (140A Lines)

24.   SS-A00124, Assy & Details - Aft Fuselage - .030 Scale Pressure/
Loads Model (140A Lines)

25.   SS-A00125, Assy & Details - Wing Splice Plate & Cuff - .030
Scale Pressure/Loads Model (140A Lines)

26.   SS-A00126, Assy & Details - Vertical Stabilizer - .030 Scale
Pressure/Loads Model (140A Lines)

27.   SS-A00127, Ames 11-ft x 11-ft Wind Tunnel Installation -
.030 Scale Pressure/Loads Model (140A/B Lines)

28.   SS-A00128, Ames 9-ft x 7-ft Wind Tunnel Installation - .030
Scale Pressure/Loads Model (140A/B Lines)

29.   SS-A00130, Lines Control - Profile VL70-000140A - .030 Scale
Pressure/Loads Model (140A/B Lines)

30.   W-1104S Sting - Ames MK II 4" Balance (Male End), Ames MK XX
2.5" Balance

31.   W-1105S, Sting - Ames MK II 4" Balance (Male End), RI MK I
2.75 Balance

32.   W-1106A, Adapter - Ames MK II, 4" Balance (Male & Female)

33.   W-1107A, 13.5° Bent Sting Adapter Ames MK II 4" Balance
(Male & Female)

34.   (DMS-DR-2129), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Launch Configuration (Model 47-OTS) in the ARC 9- by 7-foot Unitary Plan Wind Tunnel for Mach Range 1.55 and 2.2 (IA14B)"

35.   (DMS-DR-2130), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Orbiter Configuration (Model 47-O) in the ARC 11-foot Unitary Plan Wind Tunnel for Mach Range 0.6 and 0.9 (OA22A)"

36.   (DMS-DR-2131), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Orbiter Configuration (Model 47-O) in the ARC 9- by 7-foot Unitary Plan Wind Tunnel for Mach Range 1.55 and 2.2 (OA22B)"

TABLE I.

| DATE : 9-13-73

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.60	4.0×10^6	480	120
0.75	3.75×10^6	540	120
0.85	3.5×10^6	550	120
0.90	3.5×10^6	580	120
0.95	3.25×10^6	610	120
0.975	3.0×10^6	530	120
1.00	3.0×10^6	535	120
1.025	3.0×10^6	540	120
1.05	3.0×10^6	545	120
1.10	3.0×10^6	550	120
1.15	3.0×10^6	575	120
1.25	2.75×10^6	540	120
1.40	2.75×10^6	570	120

BALANCE UTILIZED: LVA: 2.5-in MK XX (ORBITER)
LVAP: 2.5-in MK XX (ORB.), 2.75-in MK I (ET)

	CAPACITY: MK XX	MK I	ACCURACY: MK XX	MK I	COEFFICIENT TOLERANCE:
NF	6000	7500			
SF	3000	3750	0.2%	0.2%	
AF	600	700	0.2%	0.2%	
PM					
RM	4000	4000	0.2%	0.2%	
YM					

COMMENTS: Test conditions for LVA and LVAP model configurations

TABLE I. - Concluded.

TEST : IA-14A	DATE : 9-13-73

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.60	4.0×10^6	480	120
0.75	4.25×10^6	610	120
0.85	4.5×10^6	710	120
0.90	4.5×10^6	750	120
0.95	4.5×10^6	780	120
0.975	4.25×10^6	750	120
1.05	4.25×10^6	790	120
1.10	4.0×10^6	760	120
1.15	3.75×10^6	720	120
1.25	2.75×10^6	735	120
1.40	3.0×10^6	620	120

BALANCE UTILIZED: 2.5-in MK XX (ORB.), 2.75-in MK I (ET)

	CAPACITY: MK XX MK I	ACCURACY: MK XX MK I	COEFFICIENT TOLERANCE:
NF	6000 7500	0.2 0.2	
SF	3000 3750	0.2 0.2	
AF	600 700	0.2 0.2	
PM			
RM	4000 4000	0.2 0.2	
YM			

COMMENTS: Test conditions for LV model config.

TABLE II

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DATA SET RUN NUMBER COLLATION SUMMARY   DATE 13 Sept 1973

TEST:

TEST RUN NUMBERS

DATA SET IDENTIFICATION	COEFFICIENT(S)	SCHED.		CONTROL DEFLECTION			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)				
		a	b	8c		z		0.90	0.95	1.1	1.25	
28 17	$\emptyset 1 + T12 + S12 + N25 + A11$	3	0	6	6	6		0.90				
18	↓	C	5					40	93	92	89	
24	$\emptyset 1 + T12 + S12 + N25 + A11$ -10	z						4	0+	91	90	
25	↓	8						6*				
26		6						9*				
27		-4 -10						10*				
28		0	Y					11*				
29		-10	0								38	
30	$\emptyset 1 + T12 + S12 + N25 + A11$	0	0					39*			D/6-2	

	CN	CA	CAF	CY	CYN	CBL	DATE
a			-8	-4	0	4	8

$\alpha(\theta) = \beta(\theta) - 8 - 4 - 0 - 4 - 8$

$\beta(z) = -10 - 10$

$\beta(Y) = -10 - 8 - 6 - 4 - 2 - 0$

$MAC (D) = 2.975 L.O.$

	IDVAR (1)	IDVAR (2)	NDV

* FORCE DATA NOT AVAILABLE.

NASA-MSFC-MAF

TABLE II - Continued

TEST: IA14A **DATA SET/RUN NUMBER COLLATION SUMMARY** **DATE: 12 Sept 1973**

Configuration: $\phi_1 + T_{12} + S_{12} N_{25} + AT_{10}$; $+AT_{11}$

TEST RUN NUMBERS — ALPHA (OR ALTERNATE INDEPENDENT VARIABLE)

DATA SET IDENTIFIER	SCHD. B	M	Se	SR	Sse	-10	-8	-6	-4	-2	0	2	4	6	8	10
RB1x31	A	.9	0	0	0	1*	2*	3*	4*	5*	6*	7	12	13	14	15
32		1.1				16*	17*	13*	19*	20	21	22	23	24	25	26
33		1.25				27*	28*	29*	30*	31	32	33	34	35	36	37
34	B	1.6					47		43		49		50	51		
35		.75					56		55		54		53	52		
36		.85					42		43		44		45	46		
37		.95					57		58		59		60	61		
38		1.05					63		64		65		66	67		
39		1.15					68		69		70		71	72		
40		1.4					34		35		36		37	38		
41		.6					149		148		147		146	145		
42		.75					140		141		142		143	144		
43		.85					135		136		137		138	132		
44		.90					130		131		132		133	134		
45		.95					125		126		127		128	129		
46		.975					120		121		122		123	124		
47		1.05					115		116		117		118	119		
48		1.10					110		111		112		113	114		

α OR β SCHEDULES — COEFFICIENTS/INCREMENTS

$\delta(A) = -10 \text{ to } +10 \quad 2$

$\delta(B) = -8 \quad -4 \quad 4 \quad 8$

IDVAR (1)   IDVAR (2)   NDV

* FORCE DATA NOT AVAILABLE.

TABLE II - Concluded

TEST: TA14A **DATA SET/RUN NUMBER COLLATION SUMMARY** **DATE:** 13 Sept 1972

TEST RUN NUMBERS

DATA SET IDENTIFIER	CONFIGURATION	SCHD.	PARAMETERS/VALUES			NO. OF RUNS	ALPHA (OR ALTERNATE INDEPENDENT VARIABLE)				
		B	M	Se	Ss		-8	-4	0	4	8
KB1x491	$\bar{z} + T_2 + \bar{o}_{12} N_{25}$	B	1.15	0	0	0	125	126	127	128	109
50			1.25				75	76	97	98	99
51			1.40				100	101	102	103	104

α OR β SCHEDULES $\beta(B) = -8 - 4 \cdot 0 \cdot 4 \cdot 8$

COEFFICENTS

IDVAR (1)   IDVAR (2)   NDV

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{10}

GENERAL DESCRIPTION: Attach structure for Integrated Vehicle Configuration 4 per VL72-000088B and VL72-000089, modified as follows: Removed ET-to-SRM aft attach struts (4) and left orbiter to right ET aft attach crossover rod.

MODEL SCALE: 0.030

DRAWING NO.: SEE DESCRIPTION

DIMENSIONS:	FULL SCALE	MODEL SCALE
FORWARD ATTACH		
Orbiter to Tank		
Number of struts	2	2
Diameter - In.	6.000	0.180
Location - In.		
X_O	382.000	11.460
X_T	1078.000	32.340
DRAG LINK ATTACH		
Orbiter to Tank		
Number of struts	2	2
Diameter, In.	15.000	0.450
Location, In.		
X_O	1307.000	39.210
X_T	1859.000	55.770
AFT ATTACH		
Orbiter to Tank		
Number of struts	2	2
Diameter - In.	12.000	0.360
Location - In.		
X_O	1307.000	39.210
X_T	2058.000	61.740
CROSSOVER ROD (RIGHT ORBITER TO LEFT ET)		
Diameter, In.	8.000	0.240
Location - In.		
X_O	1307.000	39.210
X_T	2058.000	61.740

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TABLE III. - Continued.

MODEL COMPONENT: ATTACH STRUCTURE   - AT_{11}

GENERAL DESCRIPTION: Attach structure, same as AT_{10} except the forward

attach struts are rotated to the vertical, and the structure extends

from the orbiter but is not attached to the tank.

MODEL SCALE: 0.030

DIMENSIONS:	FULL SCALE	MODEL SCALE
FORWARD ATTACH		
Orbiter to Tank		
Location - In.		
X_O	382.000	11.460
X_T	1133.000	33.990
Clearance, tank to strut - In.	16.667	0.500
DRAG LINK ATTACH		
Orbiter to Tank		
Clearance, tank to strut - In.	8.333	0.250
AFT ATTACH		
Orbiter to Tank		
Clearance, Tank to strut - In.	8.333	0.250
Crossover Rod		
Clearance, tank to strut - In.	8.333	0.250

TABLE III. - Continued.

MODEL COMPONENT: BODY - B_{26}

GENERAL DESCRIPTION: Orbiter Fuselage Configuration 140 A/B

NOTE: B_{26} identical to B_{24} except underside of fuselage refaired to
accept W_{116}.

Model Scale = .030

DRAWING NUMBER: VL70-000193
                   VL70-000140A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (Body Fwd Sta X_o = 238) - in.	1293.3	38.799
Max. Width (at X_o = 1520) - in.	262.0	7.860
Max. Depth (at X_o = 1464) - in.	250.0	7.500
Fineness Ratio	0.26357	0.26357
Area - ft^2		
Max. Cross-Sectional	340.88462	0.30679
Planform	————	————
Wetted	————	————
Base	————	————

TABLE III. - Continued.

MODEL COMPONENT: CANOPY - C9

GENERAL DESCRIPTION: Configuration 3A

Model Scale = .030

DRAWING NUMBER   VL70-000140A
                  VL70-000142A

DIMENSION:	FULL SCALE	MODEL SCALE
Length (X_0=434.643 to 670)	235.357	7.06071
Max Width (X_0=513.127)	152.412	4.57236
Max Depth (X_0=485.0)	25.000	0.75000
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E$_{26}$

GENERAL DESCRIPTION: Configuration 4

NOTE: VL70-000400 data for (1) of (2) sides. Identical to E$_{25}$ except

airfoil thickness

Model Scale = .030

DRAWING NUMBER: VL70-000 200
VL70-000140 B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area	223.5814	0.20122
Span (equivalent)	368.34	11.05020
Inb'd equivalent chord	119.623	3.58869
Outb'd equivalent chord	55.1922	1.65577
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Normal to hinge line)	851.1502	0.76604

TABLE III. - Continued.

MODEL COMPONENT: Body Flap - F_8

GENERAL DESCRIPTION: Configuration 4

Model Scale - .030

DRAWING NUMBER   VL70-000140B, VL70-000200

DIMENSION:	FULL SCALE	MODEL SCALE
Length in.	84.7	2.541
Max Width in.	262.308	7.86924
Max Depth in.	23.000	0.69000
Fineness Ratio		
Area - ft²		
Max Cross-Sectional		
Planform	158.85350	0.14297
Wetted		
Base	41.89642	0.03771

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TABLE III. - Continued.

MODEL COMPONENT: OMS POD - M7

GENERAL DESCRIPTION: Configuration 3A

Model Scale = .030

DRAWING NUMBER: VL70-000140A
VL70-000145

DIMENSION:	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o=1233.0) - IN.	327.000	9.810
Max Width (@ X_o=1450.0) - IN.	94.5	2.8350
Max Depth (@ X_o=1493.0) - IN.	109.000	3.270
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: __BSRM NOZZLES - N25__

GENERAL DESCRIPTION: __Configuration 3A BSRM Nozzles__

Model Scale = .030

DRAWING NO. VL72-000083A
  VL77-000036A

DIMENSIONS	FULL-SCALE	MODEL SCALE
MACH NO.		
DIAMETER DEX ~ IN (One Nozzle)	141.3	4.2390
DIAMETER DT ~ IN		
DIAMETER DIN ~ IN		
ON ~ DEGREES		
AREA - FT² (One Nozzle)		
MAX CROSS-SECTIONAL	108.89595	0.09801

GIMBAL ORIGIN	X_0	Y_0	Z_0
LEFT NOZZLE ~ IN. F.S.	1825.3	-243	400
RIGHT NOZZLE ~ IN. FS	1825.3	+243	400

NULL POSITION - DEG.	PITCH	YAW
LEFT NOZZLE	+8	+8
RIGHT NOZZLE	+8	+8

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - N_{28}

GENERAL DESCRIPTION: Configuration 3A OMS Nozzle

Model Scale = .030

DRAWING NO. VL70-000140A

DIMENSIONS	FULL-SCALE	MODEL SCALE
MACH NO. _____		
DIAMETER DEX ~ IN (One nozzle)		
DIAMETER DT ~ IN		
DIAMETER DIN ~ IN		
ON ~DEGREES		
AREA - Ft^2 (one nozzle)		
MAX CROSS-SECTIONAL		

GIMBAL ORIGIN	X_0	Y_0	Z_0
LEFT NOZZLE ~ IN.	1518.0	-88.0	492.0
RIGHT NOZZLE ~ IN.	1518.0	+88.0	492.0

NULL POSITION	PITCH	YAW
LEFT NOZZLE (Null Pitch 15°49'; Yaw 12°17' OUTB'D)	+8°	13°17' OUTB'D 2°30' INB'D
RIGHT NOZZLE (Null Pitch 15°49': Yaw 12°17' OUTB'D)	+8°	13°17' OUTB'D 2°17' INB'D

TABLE III. - Continued.

MODEL COMPONENT: <u>RUDDER - R5</u>

GENERAL DESCRIPTION: <u>2A, 3 and 3A Configuration per Rockwell Lines</u>

<u>VL70-000095</u>

Model Scale = .030

DRAWING NUMBER: VL70-000095

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
Area - FT²	106.38	0.09574
Span (equivalent) - IN.	201.0	6.0300
Inb'd equivalent chord	91.585	2.74755
Outb'd equivalent chord	50.833	1.52499
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Tailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Normal to hinge line)- FT³	526.13	0.01420
Product of Area and Mean Chord		

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TABLE III. - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S_{12}

GENERAL DESCRIPTION: Configuration 3A, Data for (1) of (2) sides,

per Rockwell Lines VL77-000036A

.Model Scale = .030

DRAWING NUMBER VL72-000088A
VL77-000036A

DIMENSION:	FULL SCALE	MODEL SCALE
Length (Includes Nozzle) - IN.	1741.0	52.2300
Max Width (Tank Dia) - IN.	142.3	4.2690 .
Max Depth (Aft Shroud) - IN.	192.0	5.7600
Fineness Ratio	9.06771	9.06771
Area - FT^2		
Max Cross-Sectional	201.06193	0.18096
Planform		
Wetted		
Base		
WP of BSRM Centerline (Z_T) - IN.	400	12.000
FS of BSRM Nose (X_T) - IN.	200	6.000

TABLE III. - Continued.

MODEL COMPONENT: EXTERNAL TANK - T12

GENERAL DESCRIPTION: External Oxygen Hydrogen Tank

NOTE: Identical to T11 with external fuel lines added

Model Scale = .030

DRAWING NUMBER VL76-000031A
VL78-000041A

DIMENSION:

	FULL SCALE	MODEL SCALE
Length - IN. (Nose @ X_T = 309)	1865	57.629
Max Width (Dia) - IN.	324	9.72
Max Depth		
Fineness Ratio	5.75617	5.75617
Area - FT^2		
Max Cross-Sectional	572.555	17.177
Planform		
Wetted		
Base		
WP of Tank Centerline (X_T) - IN.	400.0	

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 3A

NOTE: Similar to V5 with radius on TE upper corner and LE lower corner

where vertical meets fuselage.

Model Scale =   .030

DRAWING NUMBER: VL70-000140A
VL70-000146A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	413.253	0.37193
Planform		
Span (Theo) In	315.720	9.47160
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	25.947	25.947
0.25 Element Line	41.130	41.1300
Chords:		
Root (Theo) WP	268.500	8.05500
Tip (Theo) WP	108.470	3.25410
MAC	199.80756	5.99423
Fus. Sta. of .25 MAC	1463.50	43.9050
W. P. of .25 MAC	635.522	19.06566
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius (Min) - IN.	2.00	0.060
Void Area	13.17	0.01185
Blanketed Area	0.00	0.00

TABLE III. - Concluded.

MODEL COMPONENT: WING-W$_{116}$

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W$_{114}$ except airfoil thickness. Dihedral angle is along

trailing edge of wing.

Model Scale = .030

TEST NO.   DWG. NO. VL70-000140B
                                                                     VL70-000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	2.4210
Span (Theo In.	936.6816	28.10045
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees(at X$_0$=1506.623,Y$_0$=	3.500	3.500
Incidence Angle, degrees 105, Z$_0$= 282.75)	0.500	0.500
Aerodynamic Twist, degrees	+3.000	+3.000
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.O.O.	689.2429	20.67729
Tip, (Theo) B.P.	137.8486	4.13546
MAC	474.8117	14.24435
Fus. Sta. of .25 MAC	1126.721	33.80163
W.P. of .25 MAC	291.00	8.73000
B.L. of .25 MAC	187.33491	5.62005
EXPOSED DATA		
Area (Theo) Ft^2	1812.2205	1.63010
Span, (Theo) In. BP108	736.6816	22.10045
Aspect Ratio	2.058	2.058
Taper Ratio	0.2451	0.2451
Chords		
Root BP108	570.6230	17.11869
Tip 1.00 $\frac{b}{2}$	137.8512	4.13554
MAC	354.2376	10.62713
Fus. Sta. of .25 MAC	1164.237	34.92711
W.P. of .25 MAC	292.00	8.76000
B.L. of .25 MAC	239.67786	7.19034
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ = 0.425	0.113	0.113
Tip $\frac{b}{2}$ = 1.00	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area Ft^2	118.333	0.10650
Leading Edge Intersects Fus M. L. @ Sta	505.0	15.15000
Leading Edge Intersects Wing @ Sta	1003.5	30.10500

TABLE IV. - ORBITER FUSELAGE PRESSURE ORIFICE LOCATIONS

	ORBITER X_o IN.			RADIAL LOCATION ϕ DEGREES																		
	FULL	MODEL	X_o/l_o	0	20	40	55	70	90	105	110	120	135	140	150	151	156	162	165	169	174	180
	235	7.05	0	6																		
	245	7.35	.008	7					8													9
	265	7.95	.023	10	11	12	13	14	15			16			17							18
	295	8.85	.047	19	20	21	22	23	24			25			26							27
	325	9.75	.070	28	29	30	31	32	33			34			35							36
	380	11.40	.112	37	38	39	40	41	42			43			44							45
	440	13.20	.159																		46	
	450	13.50	.167	47	48	49	50	51	52			53					54			55		56
	465	13.95	.178													57		58				
	500	15.00	.205	59	60	61	62	63	64			65		66	67				68			69
	560	16.80	.252	70		71		72	73			74			75				76			77
	625	18.75	.301	78		79		80	81			82			83				84			85
	725	21.75	.379	86		87		88	89			90			91				92			93
	880	26.40	.499	94		95		96	97			98			99				100			101
	980	29.40	.576	102		103																
	1080	32.40	.655	104		105		106	107			108			109				110			111
	1180	35.40	.730	112		113		114	115			116			117							118
	1245	37.35	.781	119		120		121	122	123		124	125		126				127			128
	1330	39.00	.825	129		130		131	132	133		134	135		136							137
	1375	41.25	.882	138		139		140	141	142		143	144		145				146			
	1430	42.90	.923	147		148		149	150	151		152	153		154				155			
	1480	44.40	.963	156		157		158	159	160		161	162		163				164			
a	1530	45.90	1.002								165	166										
b	1530	45.90	1.002								167	168										
c	1555	46.65	1.021	169		170																
	1590	47.70	1.048	171		172																
d	1590	47.70	1.048	173		174																

l_o = 1293.3 full scale   a: OMS pod, inside   c: Body flap lower surface

l_o = 38.799 model   b: OMS pod, outside   d: Body flap upper surface

data in datasets RB1BXX

TABLE V. - ORBITER WING PRESSURE ORIFICE LOCATIONS

ORBITER WING

1   $x/c = .19$
2   $x/c = .34$
3   $x/c = .03$
4   $x/c = .045$

data in data sets RB1LXX (lower surface and RB1UXX (upper surface)

TABLE VI. - ORBITER VERTICAL TAIL PRESSURE ORIFICE LOCATIONS

ORBITER VERTICAL TAIL

VERTICAL $W_L \sim Z_o$				X/C_V								
FULL	MODEL	η_V		0	.025	.05	.15	.30	.52	.685	.775	.90
550	16.50	.158	RH	316								
			LE			324	325	326	327	328	329	
			LH		317	318	319	320	321	322	323	
600	18.00	.316	RH	330								
			LE			339	340	341	342	343	344	345
			LH		331	332	333	334	335	336	337	338
690	20.70	.600	RH	346								
			LE			355	356	357	358	359	360	361
			LH		347	348	349	350	351	352	353	354
765	22.95	.840	RH	362								
			LE			371	372	373	374	375	376	377
			LH		363	364	365	366	367	368	369	370
792	23.76	.925	RH	378								
			LE			387	388	389	390	391	392	393
			LH		379	380	381	382	383	384	385	386

data in datasets RB1VXX (left side) and RB1RXX (right side)

TABLE VII. - ORBITER BASE, BODYFLAP, AND OMS NOZZLE PRESSURE ORIFICE LOCATIONS

ORBITER BASE

LOCATION	ORIFICE NUMBER
Orbiter Sting Cavity	1
Orbiter Base (Lower Left Corner)	2
OMS Nozzle Base	3

data in datasets RB1CXX

RUDDER FLARE BASE

RUDDER $W_L \sim Z_0$		X/C_V
FULL	MODEL	.75
725	18.75	4
625	21.75	5

data in datasets RB1CXX

BODY FLAP

ORBITER $\sim X_0$		$\emptyset \sim$ Deg	
FULL	MODEL	0	40
1555	46.65	169	170
		Upper	
1590	47.70	173	174
		Lower	
1590	47.70	171	172

data in datasets RB1FXX

LEFT OMS NOZZLE SURFACE

X $\sim$ IN. FWD. NOZZLE EXIT		$\emptyset \sim$ DEG.		
FULL	MODEL	135	180	225
10	.30	175	176	177
20	.60		178	

data in datasets RB1EXX

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TABLE VIII. - EXTERNAL TANK PRESSURE ORIFICE LOCATIONS

EXTERNAL TANK

| TANK STATION ~ X_T | | | ϕ ~ DEG. | | | | | | | | | |
FULL SCALE	MODEL SCALE	$\frac{X_T}{\ell_T}$	0	30	60	90	120	135	150	165	180	270
309	9.27	0	503			505					506	507
324	9.72	.008	504									
400	12.00	.049	508	509	510	511	512		513		514	
520	15.60	.113	515	516	517	518	519		520	521	522	
640	19.20	.178	523	524	525	526	527		528	529	530	
670	20.10	.194	531	532	533	534	535		536	537	538	
710	21.30	.215	539	540	541	542	543		544	545	546	
760	22.80	.242	547	548	549	550	551	552	553	554	555	
850	25.50	.290	556	557	558	559	560		561	562	563	564
950	28.50	.344	565	566	567		568	569	570	571	572	
1050	31.50	.394	573	574	575	576	577		578	579	580	
1150	34.50	.451	581	582	583	584	585	586	587	588	589	
1250	37.50	.505	590	591	592	593	594		595	596	597	
1350	40.50	.558	598	599	600	601	602	603	604	605	606	
1500	45.00	.638	607	608	609	610	611		612	613	614	
1700	51.00	.746	615	616	617	618	619	620	621	622	623	
1900	57.00	.853	624	625	626	627	628	629	630	631	632	
2040	61.20	.928	633	634	635		636	637	638	639	640	
TANK BASE STING CAVITY			501								502	

ℓ_T = 1865 IN. FULL SCALE
55.950 IN. MODEL SCALE

data in datasets RB1IXX

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TABLE IX. — SRM PRESSURE ORIFICE LOCATIONS

LEFT SRM

SRM STATION ~ X_s			ϕ ~ DEG.							
FULL SCALE	MODEL SCALE	$\dfrac{X_s}{r_s}$	0	45	90	135	180	225	270	315
200	6.00	0	805	807	808	809	810	811	812	813
260	7.80	.034	806	815	816	817	818	819	820	821
370	11.10	.098	814	823	824	825	826	827		828
400	12.00	.115	822	830	831	832	833	834	835	836
450	13.50	.144	829	838	839	840	841	842	843	844
550	16.50	.201	837		846		847	848	849	850
700	21.00	.287	845		852		853		854	
850	25.50	.373	851		856		857			
1050	31.50	.488	855		859		860			
1250	37.50	.603	858		862		863		864	
1450	43.50	.718	861		866		867		868	
1650	49.50	.833	865	870	871	872	873	874	875	876
1750	52.50	.890	869	878	879	880	881	882	883	884
1796	53.88	.917	877	886	887	888	889	890	891	892
1835	55.05	.939	885	894	895	896	897	898	899	900
1863	56.04	.958	893			803		804		
SKIRT BASE			802							
NOZZLE BASE			801							
NOZZLE EXTERNAL PRESSURES										
1850	55.50	.948	901	902	903	904	905	906	907	908
1905	57.15	.979	909	910	911	912	913	914	915	916
1928	57.84	.993	917	918	919	920	921	922	923	924

ℓ_s = 1741 IN. FULL SCALE
52.53 IN. MODEL SCALE

data in datasets RB1SXX

TABLE X. - ORBITER ATTACH POINT PRESSURE ORIFICE LOCATIONS

ORBITER ATTACH POINT ORIFICE LOCATIONS

		X_o FULL SCALE	347	357	367	377	387	397	407	1252	1262	1272	1282	1292	1302	1312	1322	1332
		X_o MODEL	10.41	10.71	11.01	11.31	11.61	11.91	12.21	37.56	37.86	38.16	38.46	38.76	39.06	39.36	39.96	40.26
		X_o/ℓ_o	.087	.095	.102	.110	.118	.126	.133	.788	.796	.804	.811	.819	.827	.835	.850	.858
η	F.S. Y_o	MODEL Y_o																
.021	10	.50	394	397					412				436	447		468	474	480
.043	20	.60		396	399	403	407	411	415				435	446	457	467	473	479
.064	30	.90		395	398	402	406	410	414				434	445	456	466	472	478
.085	40	1.20				401	405	409	413				433	444	455	465	471	477
.107	50	1.50											432	443	454	464	470	476
.149	69.75	2.09											431	442	453	463	469	475
.170	79.75	2.39										424	430	441	452	462		
.192	89.75	2.69									419	423	429	440	451	461		
.213	99.75	2.99								416	418	422	428					
.234	109.75	3.29									417	421	427	439	450	460		
.256	119.75	3.59										420	426	438	449	459		
.277	129.75	3.89											425	437	448	458		

data in datasets R311XX

TABLE XI. - EXTERNAL TANK ATTACH POINT PRESSURE ORIFICE LOCATIONS

X_T Full Scale	1103	1093	1083	1073	1063	1053	1043	
X_T Model Scale	33.09	32.79	32.49	32.19	31.89	31.59	31.29	
X_T/l_T	.424	.419	.413	.408	.402	.397	.391	
								ϕ DEG.
FWD ATTACH POINT (ORBITER TO E-T)	684	676	668	660				182.84
	685	677	669	661				136.38
	686	678	670	662	655			189.92
	687	679	671	663	656	652		193.46
	688	680			657	653	651	197.0
	689	681	673	665	658	654		200.54
		682	674	666	659			204.08
	691	683	675	667				207.62

data in datasets **RB12XX**

TABLE XI. - EXTERNAL TANK ATTACH POINT PRESSURE ORIFICE LOCATIONS
(CONTINUED)

X_T FULL SCALE	1874	1864	1854	1844	1834	1824	1814	
X_T MODEL SCALE	56.22	55.92	55.62	55.32	55.02	54.72	54.42	
X_T/ℓ_T	.839	.834	.828	.823	.818	.812	.807	
								$\emptyset \sim$ DEG.
	719	713	707					222.84
	720	714	708	701				226.38
	721	715	709	702	696			229.92
	722		710	703	697	693		233.46
				704	698	694	692	237.00
					699	695		240.54
	723	718	712	706	700			244.08

FWD DRAG LINK ATTACH POINT

data in datasets RB12XX

	X_T FULL SCALE	2078	2068	2058	2048	2038	2028	2018	
	X_T MODEL SCALE	62.34	62.04	61.74	61.44	61.14	60.84	60.54	
	X_T/ℓ_T	.948	.943	.938	.932	.927	.921	.916	
									$\emptyset \sim$ DEG.
		777	766	754					234.04
		778	767	755	742				237.58
		779	768	756	743	732			241.12
AFT UPPER ATTACH		780	769		744	733	726		244.66
		781	770		745	734	727	724	248.2
					746	735	728		251.74
			771	759	747	736			255.28
		782	772	760					323.51
		783	773	761	748				327.05
		784	774	762	749	737			330.59
AFT LOWER ATTACH		785	775		750	738	729		334.13
		786	776		751	739	730	725	337.67
					752	740	731		341.21
				765	753	741			344.75

data in datasets RB12XX

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows

2. For clarity, origins of wind and stability axes have been displaced from the center of gravity
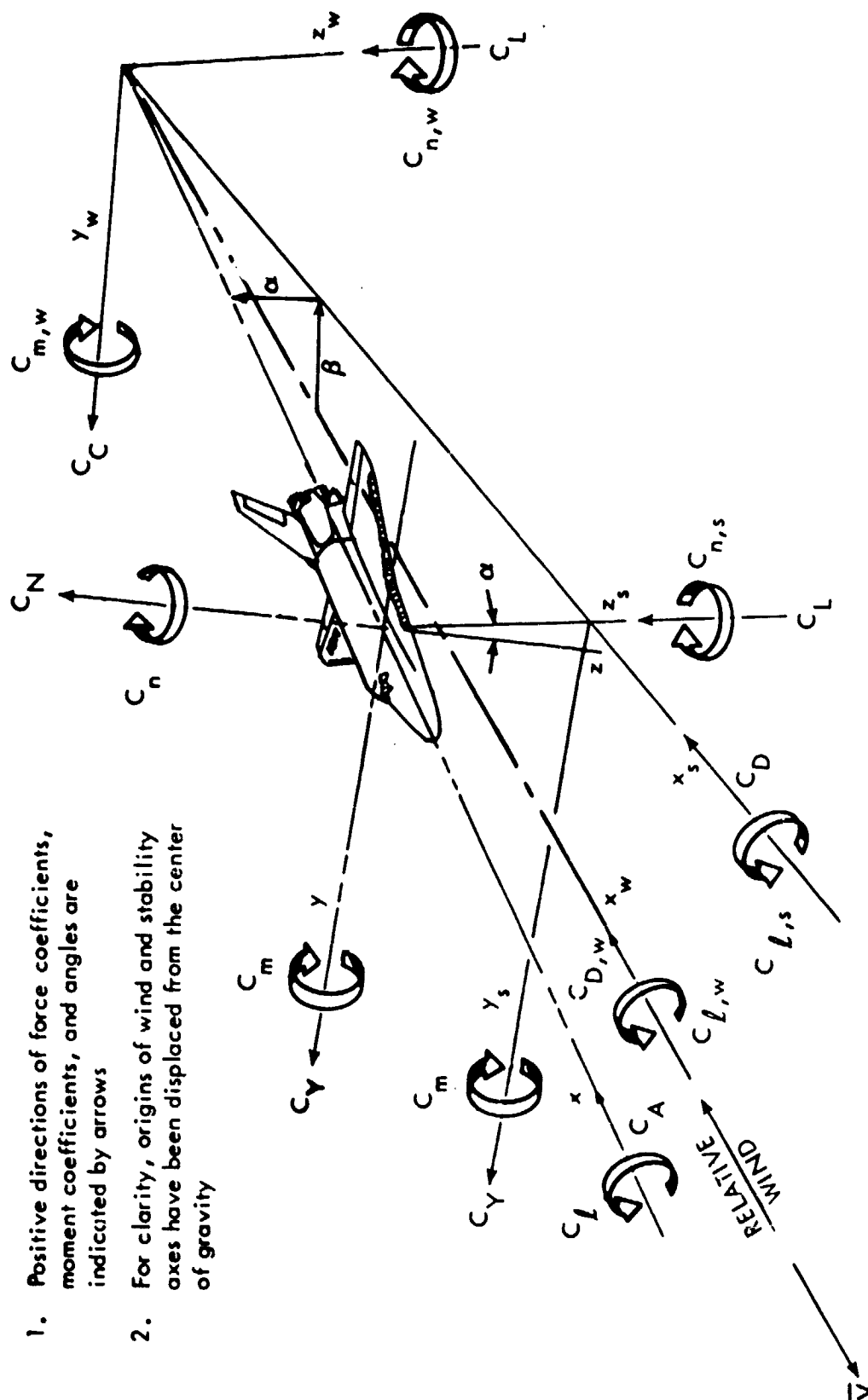
a. Stability and body axis systems

Figure 1. - Axis Systems
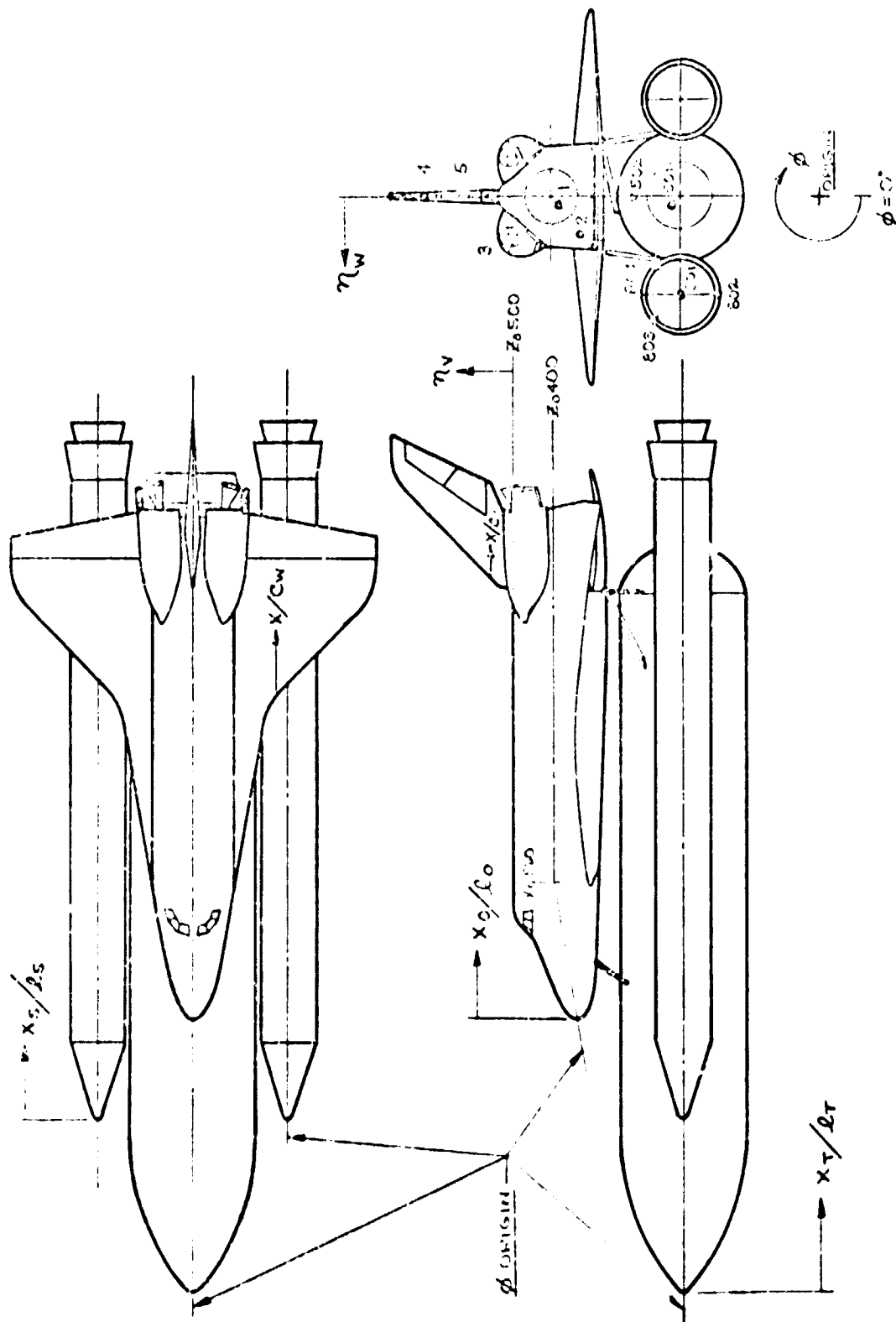
b. Orifice location nomenclature diagram

Figure 1. - Concluded

51
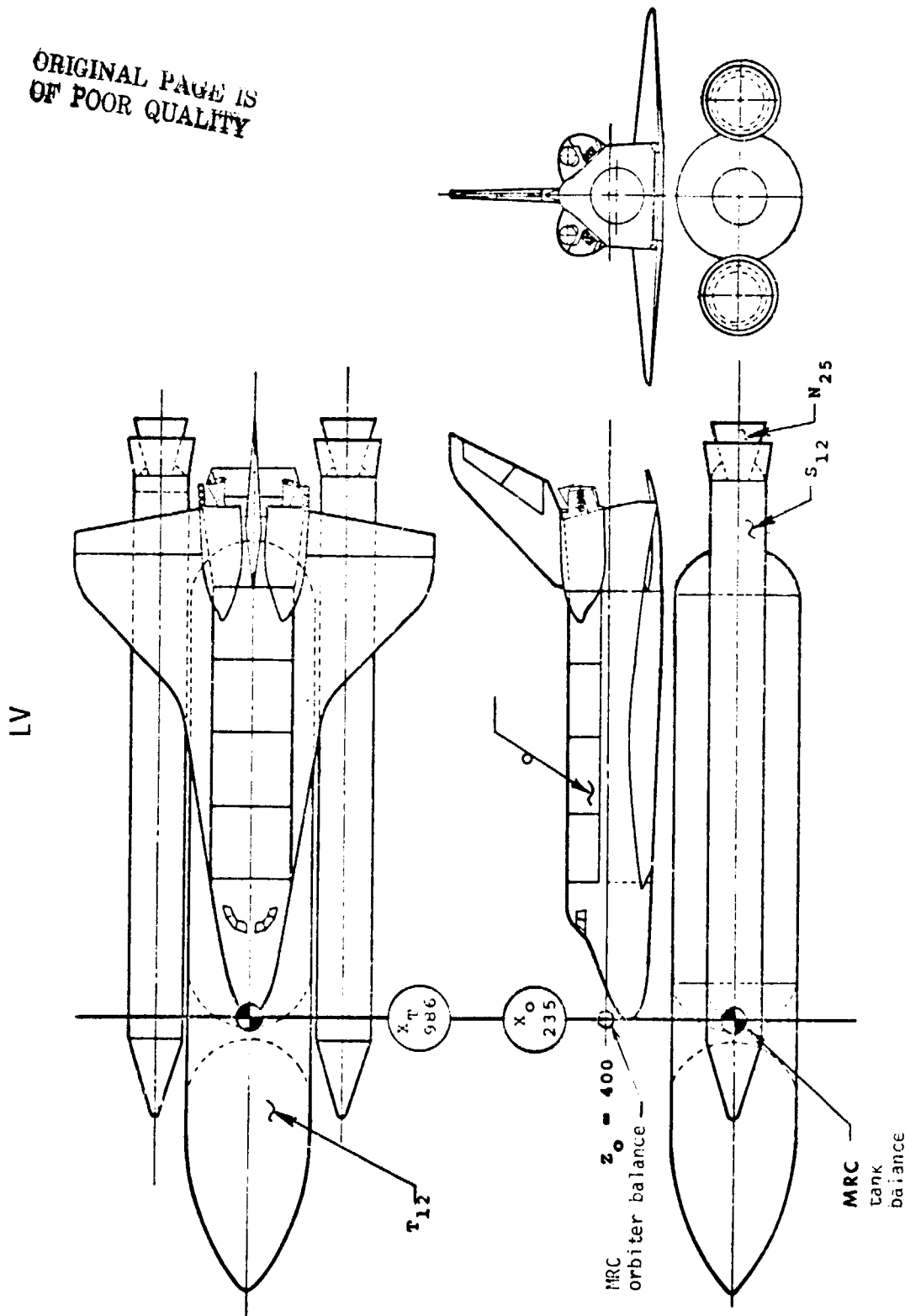
a. Integrated vehicle - 2 balances, no attach structure

Figure 2. - Model Sketches

LVAP

X_T
986

X_o
235

$Z_o = 400$

T_{12}

AT_{10}

MRC

N_{25}

S_{12}

AT_{10}

O
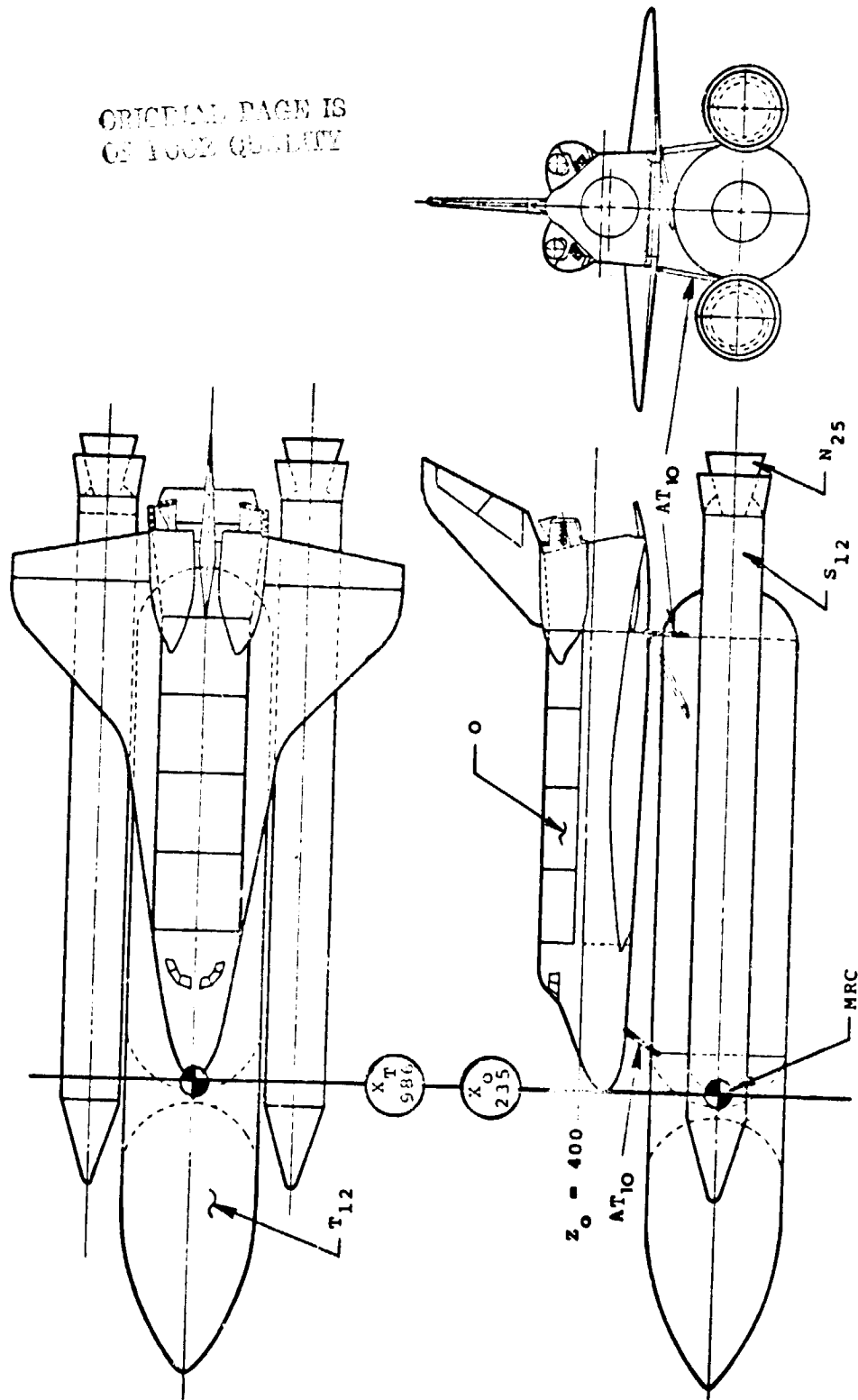
b. Integrated vehicle – 1 balance with attach structure

Figure 2. – Continued

53
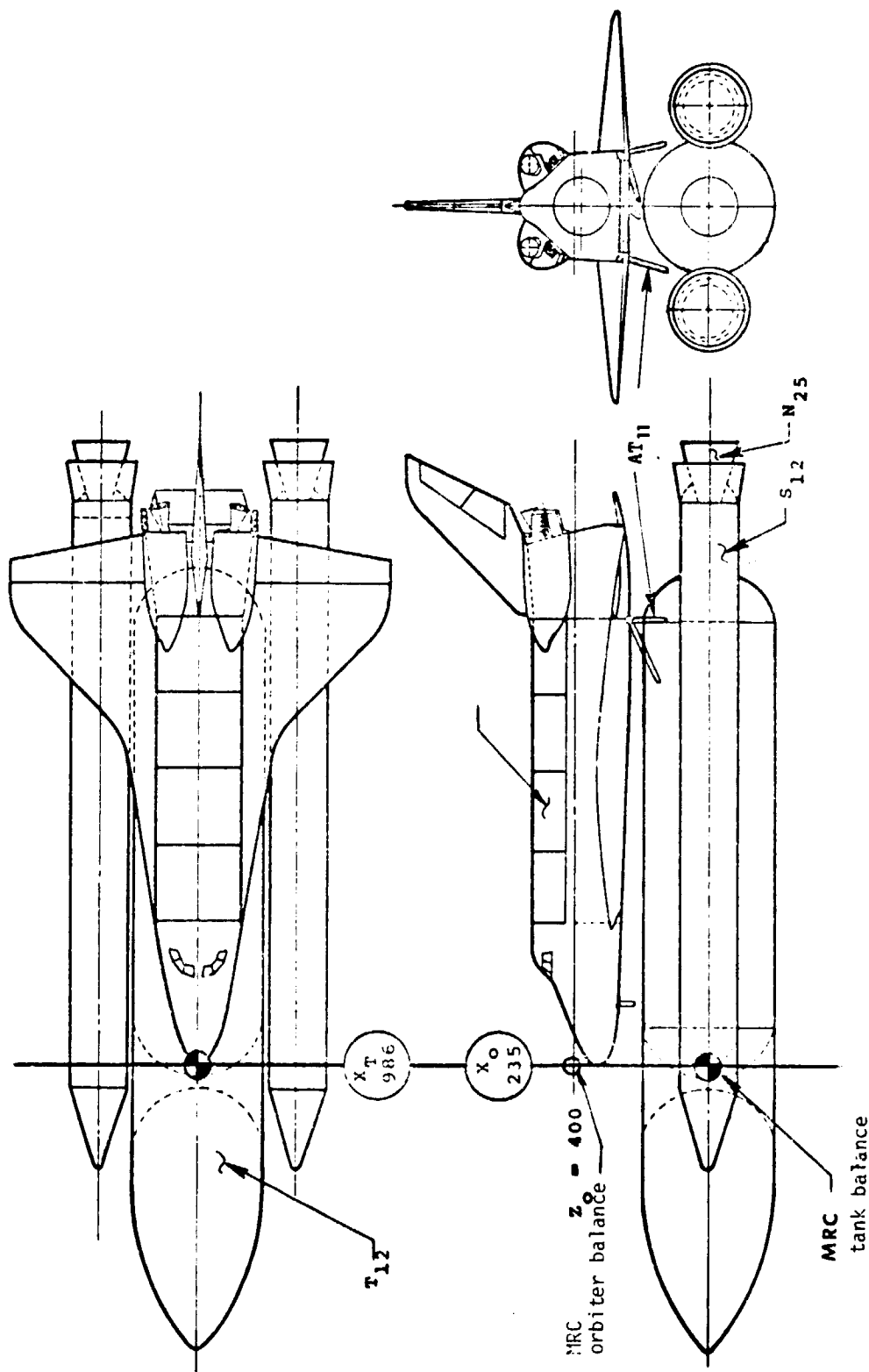
c. Integrated vehicle - 2 balances with attach structure

Figure 2. - Continued

54
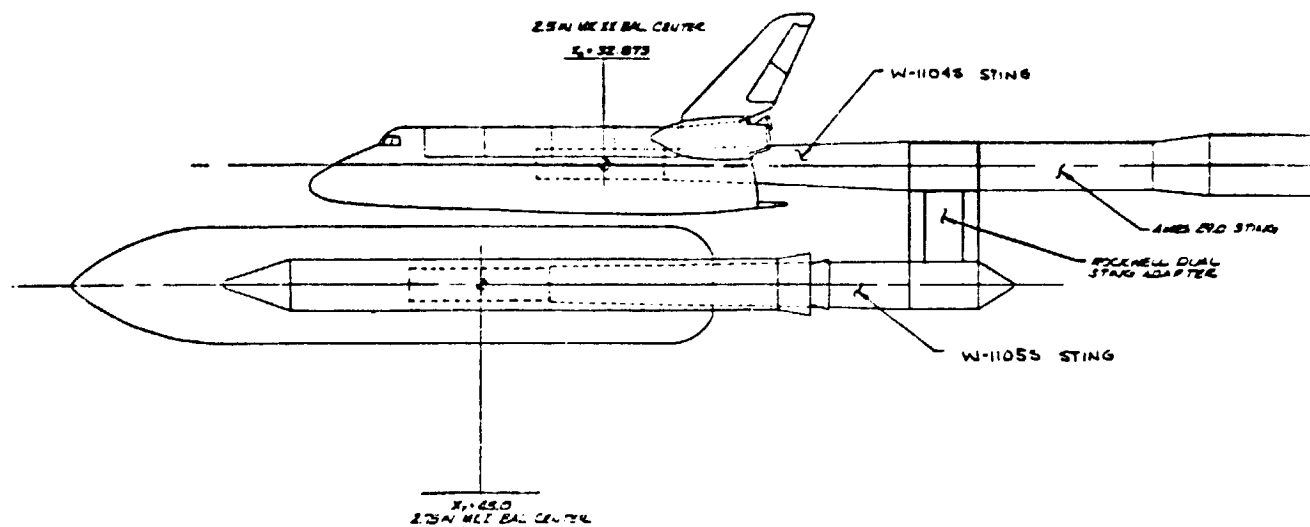
DUAL BALANCE CONFIGURATION ~ LV & LVAP
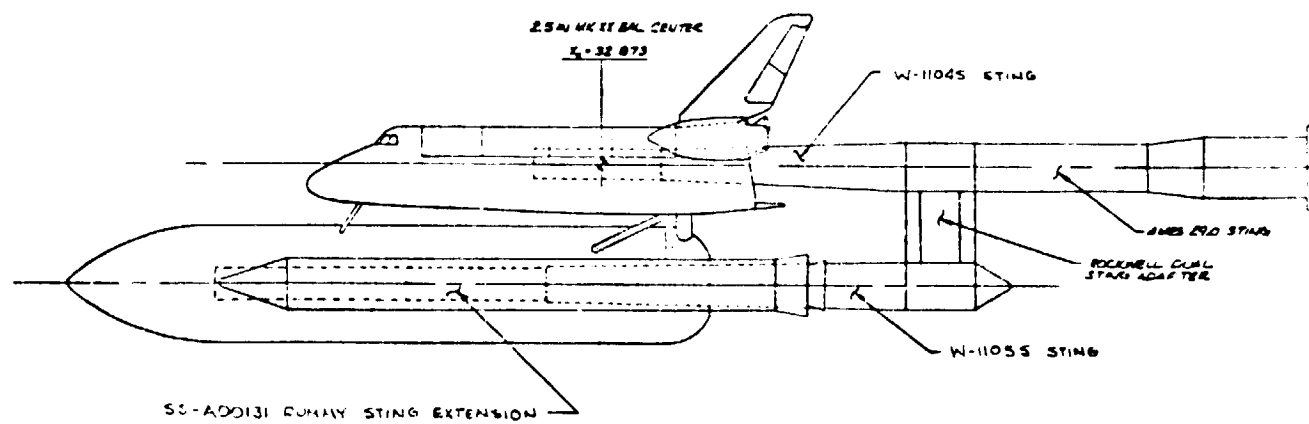
SINGLE BALANCE CONFIGURATION ~ LVA

d. Installation side views

Figure 2. - Continued

55
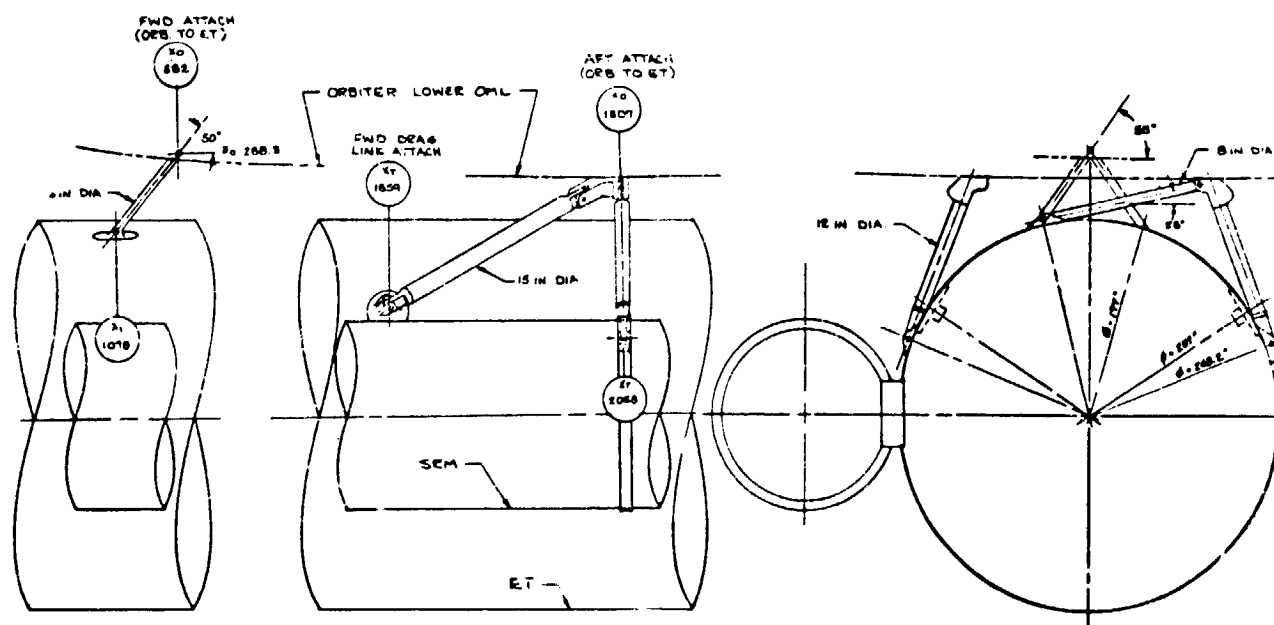
ATTACH HARDWARE CONFIGURATION — AT10

ATTACH HARDWARE CONFIGURATION — AT11

Ⓐ 8.93 IN CLEARANCE
Ⓑ 16.67 IN CLEARANCE
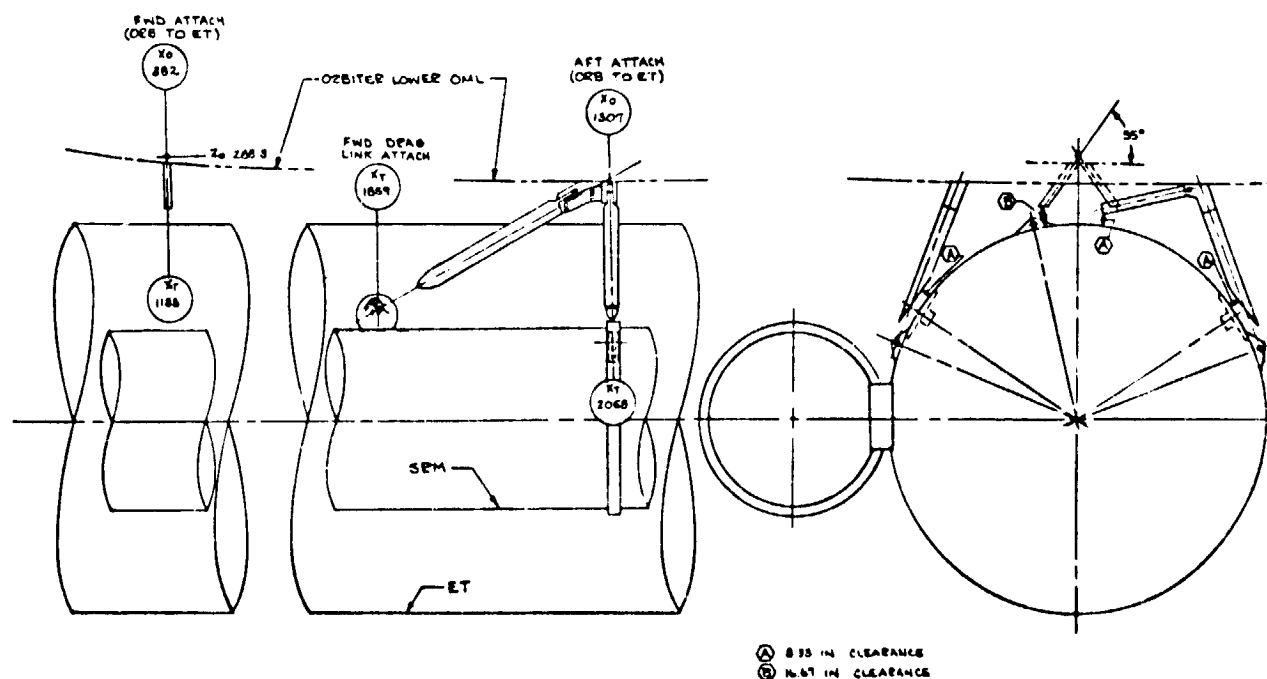
e. Attach hardware

Figure 2. Continued

56
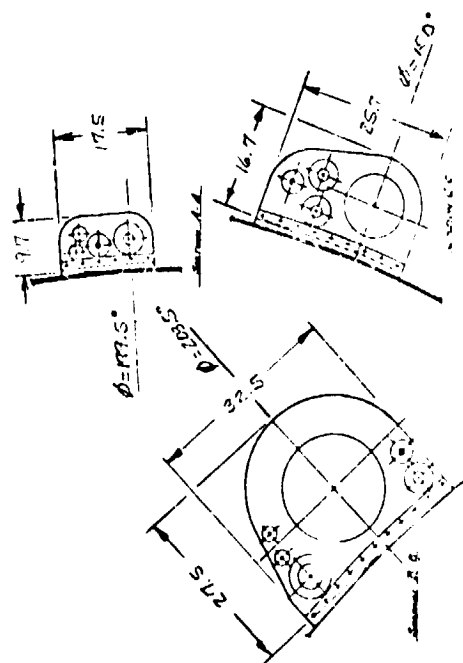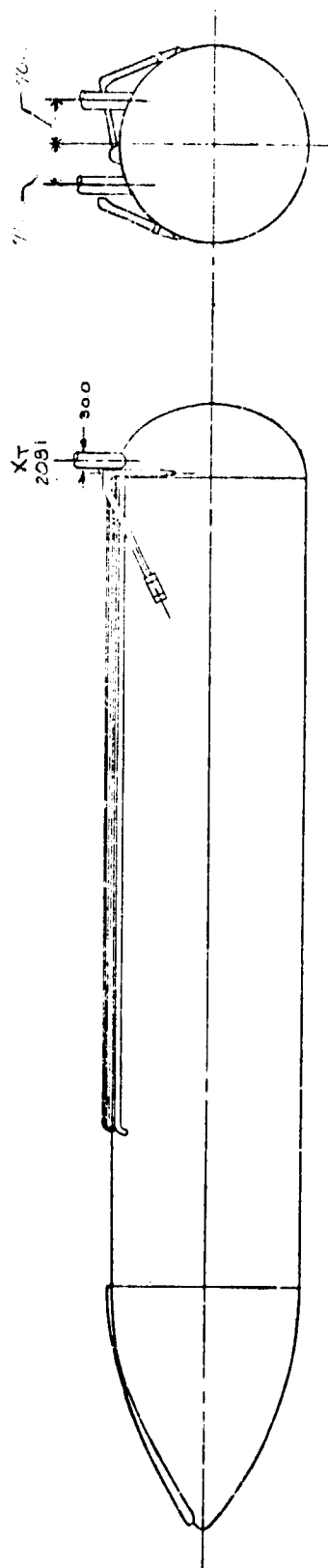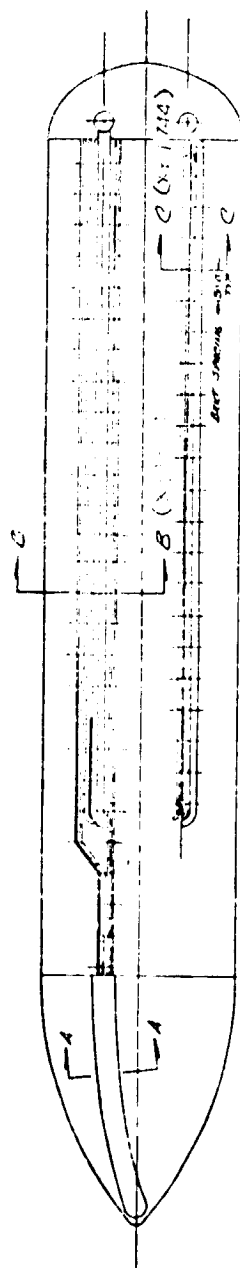
f. External tank protuberances

Figure 2. – Continued

REFERENCE   DIMENSIONS (FS)

AREA S_v = 2690 FT²

MAC   C = 474.8 IN.

SPAN b_v = 936.68 IN.

LENGTH l_B = 1290.3 IN.

ALL DIMENSIONS IN INCHES
FULL SCALE

936.68

415.72 IN.

X_o = 1528.3

1293.3

X_o = 235

Z 400 FRL

g. SSV orbiter configuration 140A/B

Figure 2. – Continued

58
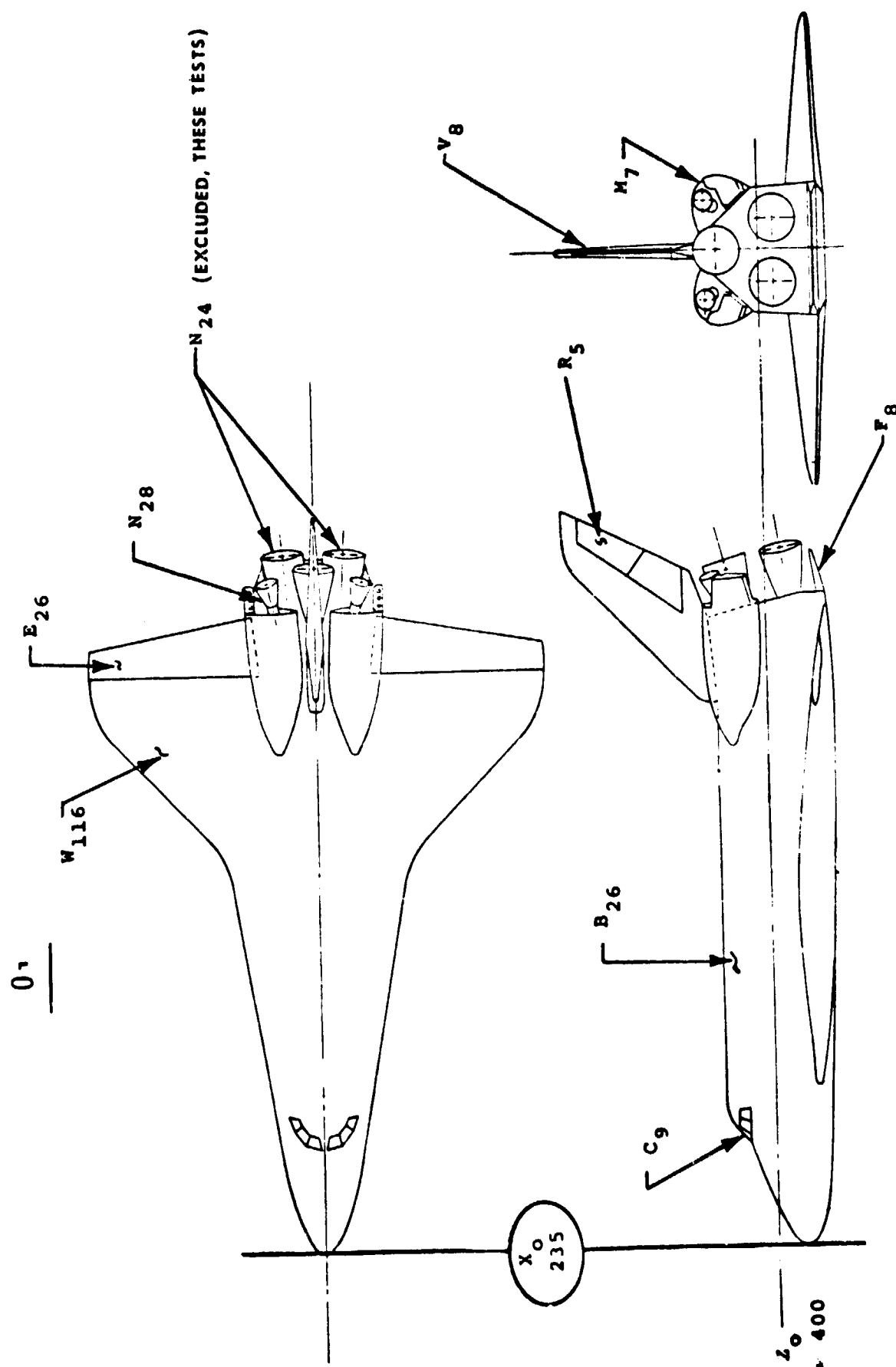
h. Orbiter nomenclature

Figure 2. - Continued

59
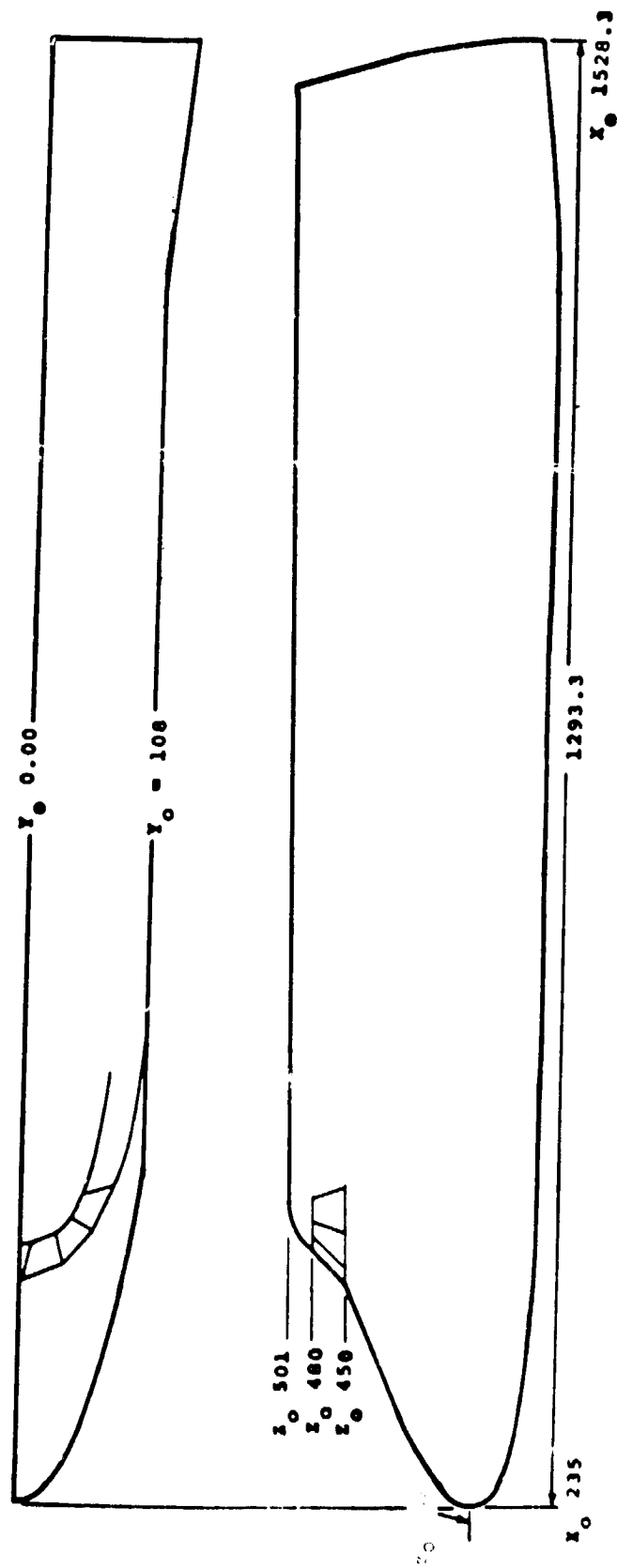
i. Canopy, C_9, and body, B_{26}, lines drawing VL70-00193 and VL70-000140A/B

Figure 2. – Continued

60
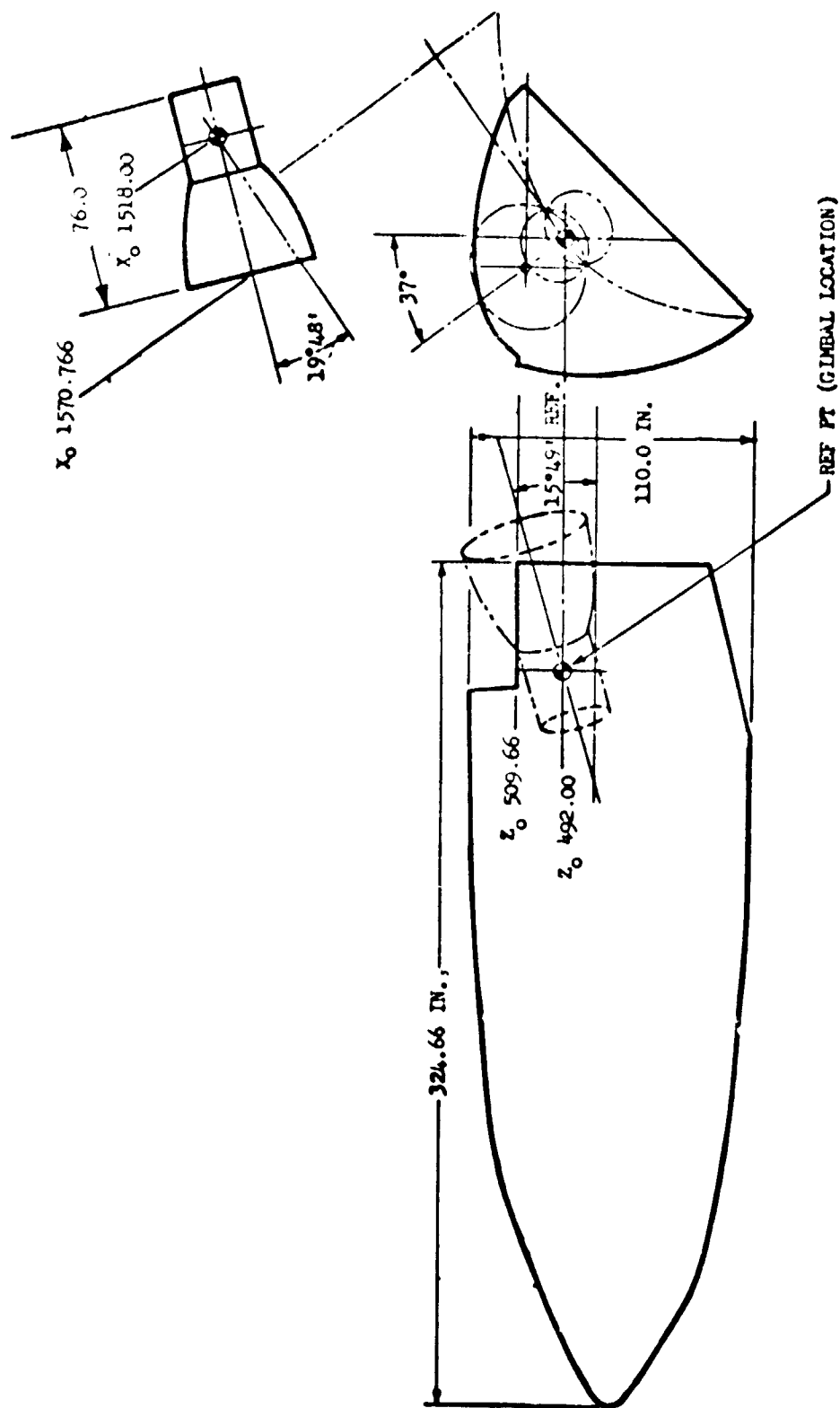
j. M_7 - OMS Pod

Figure 2. - Continued

61
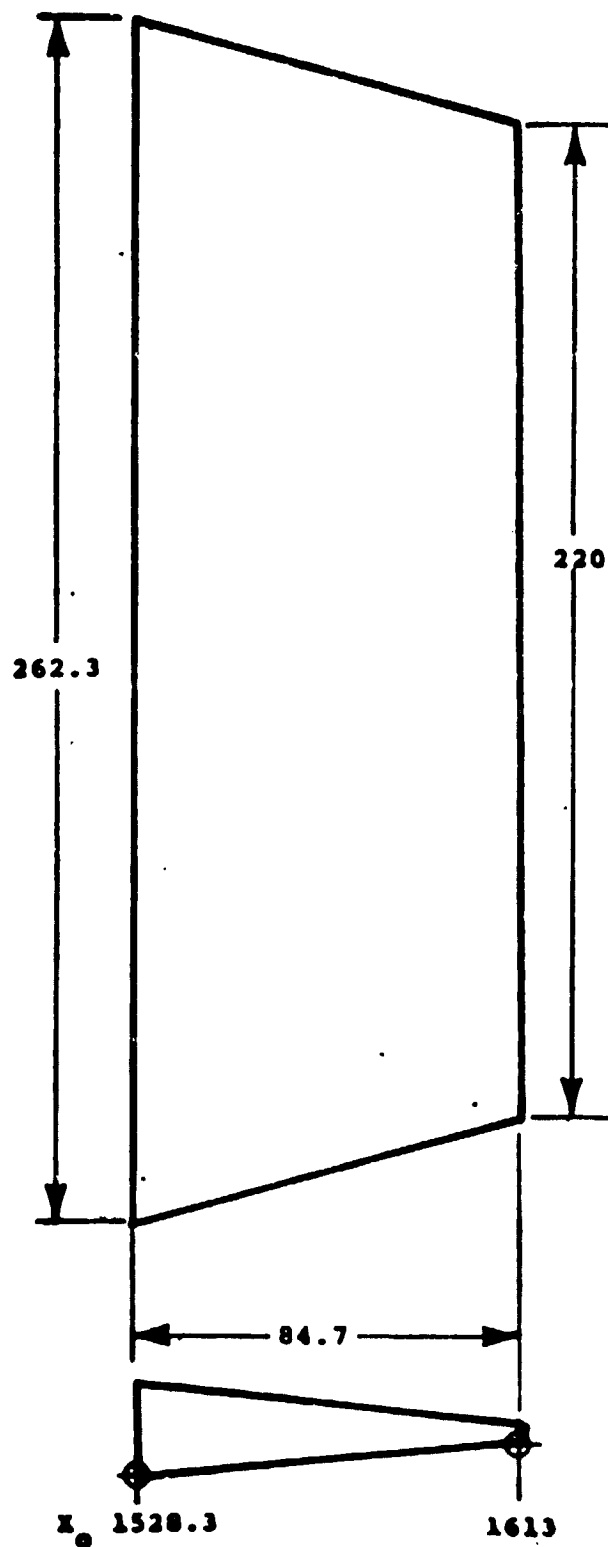
k. Body flap, F_8, lines drawing no. VL70-000140A/B

Figure 2. - Continued

$Y_0 = 468.34$
$X_0 = 1447.$

$X_0 1305.5$

$Y_0 108$
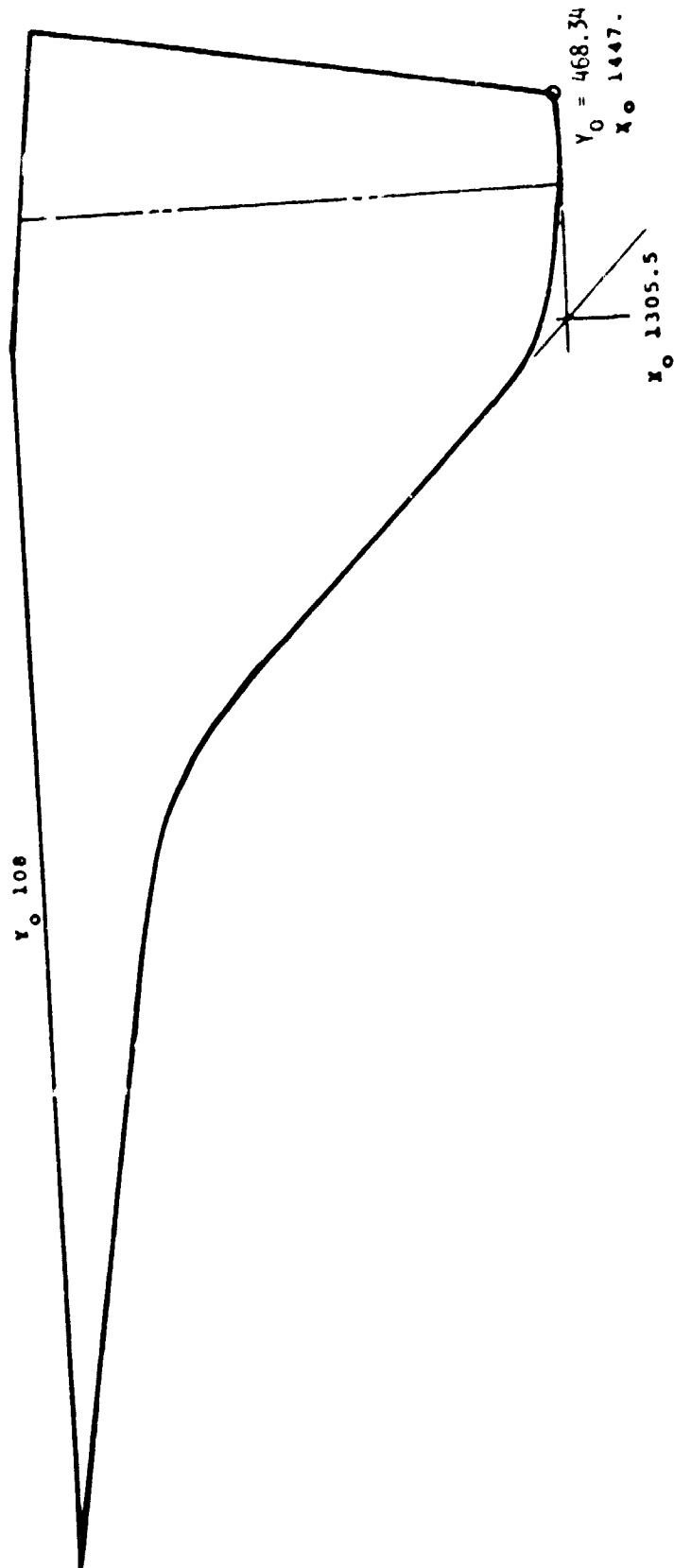
1. Wing, W_{116}, lines drawing no. VL70-000200

Figure 2. - Continued

115.36

339.41

352.95

56.67
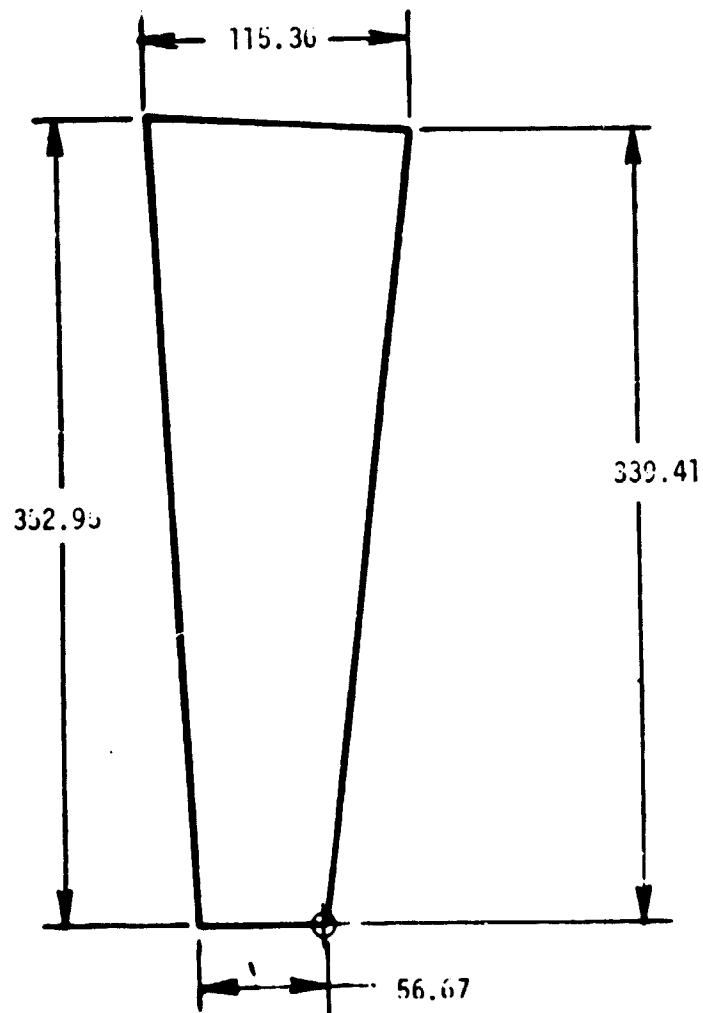
m   Elevon, E_{26}, lines drawing no. VL70-000200, VL70-000140A/B

Figure 2. - Continued

n. Vertical tail, V_8, and rudder, R_5, lines drawing no. VL70-000146A

Figure 2. - Continued

$z_o = 786$
$x_o = 1628.7$

$z_o = 779$
$x_o = 762.6$

$z_o = 590$
$x_o = 1502$

$z_o = 578$
$x_o = 1587.5$
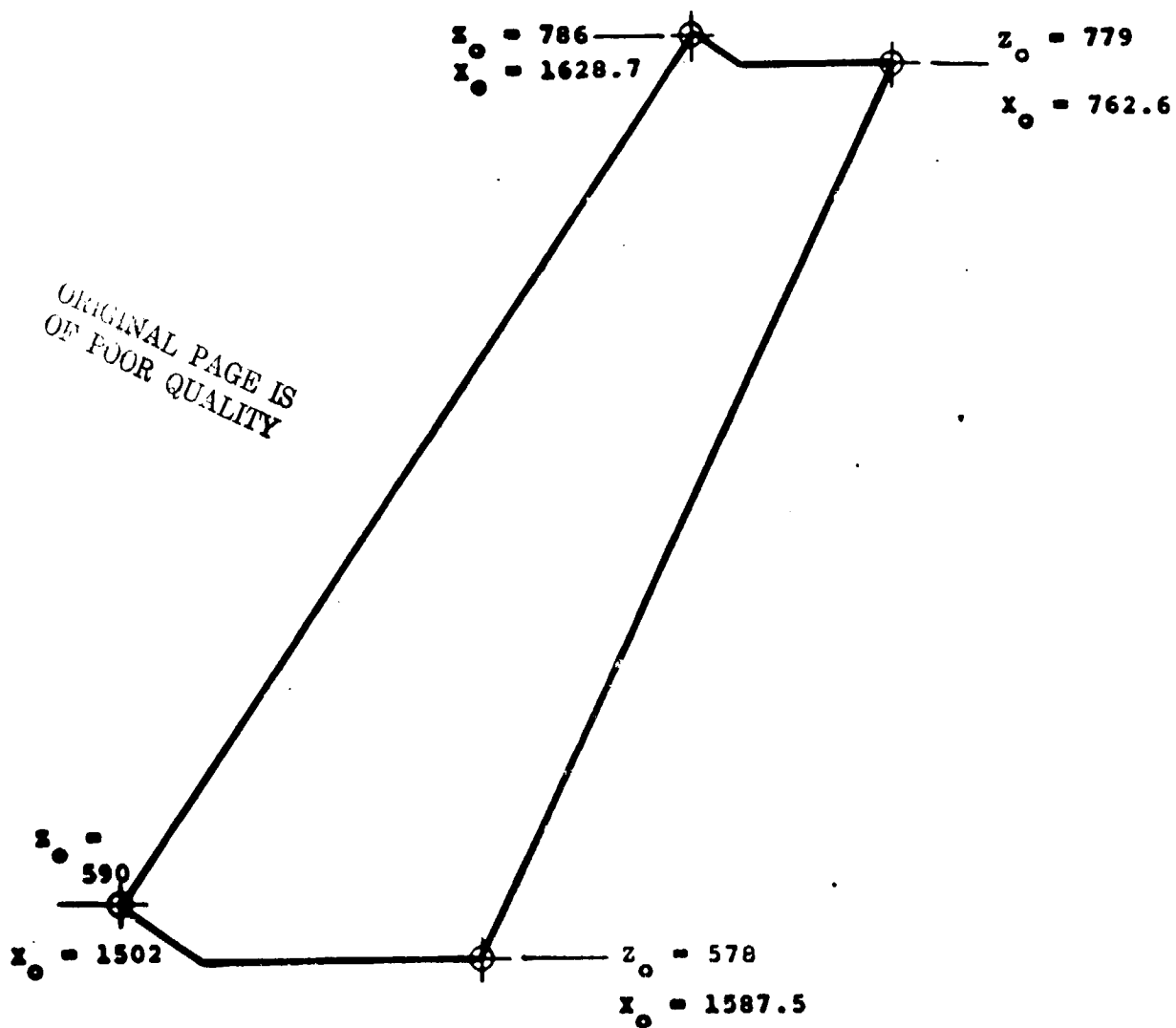
o. Rudder, R_5, lines drawing no. VL70-000095

Figure 2. - Concluded
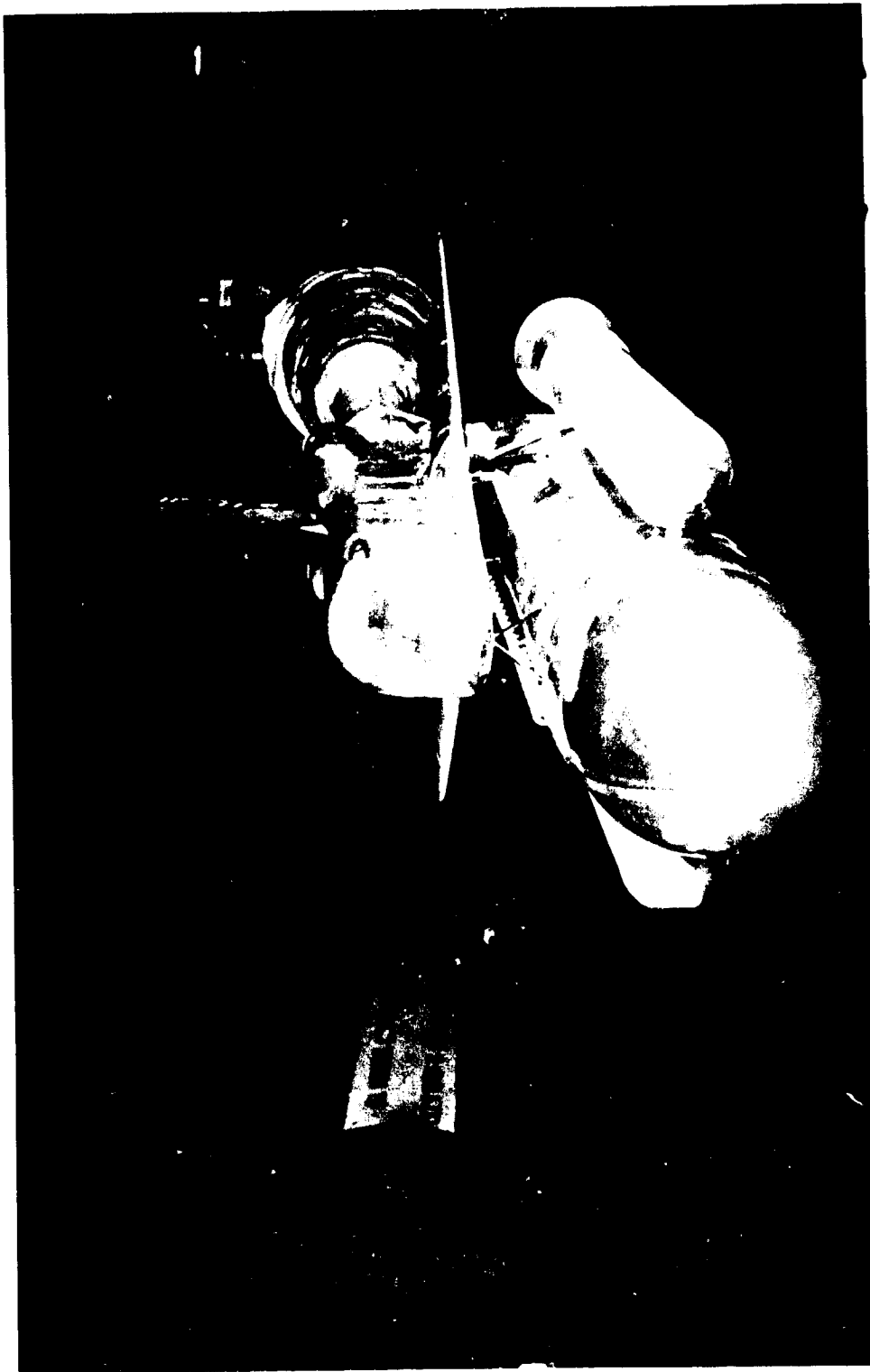
a. Front view of model installed in tunnel

Figure 3. – Model photographs.
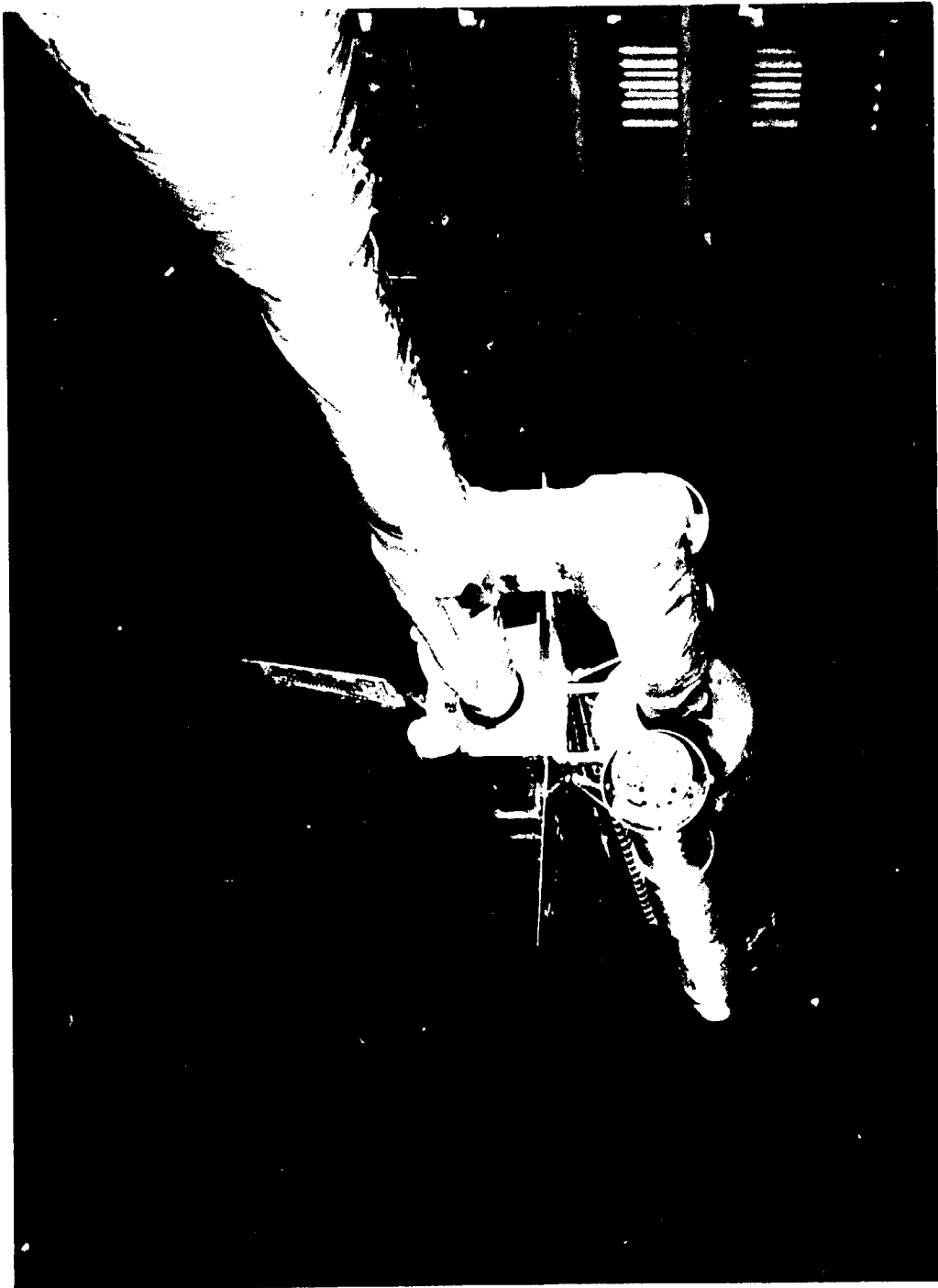
b. Rear view of model installed in tunnel

Figure 3. - Concluded.

TABULATED PRESSURE DATA

ARC11-716 IA14 O4+T12+S12M25+AT10 ET ATTACH PTS.

(RB1224)   (08 OCT 73)

PARAMETRIC DATA

ALPHAO =	-10.000	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP = 29.5800 INCHES
LREF =	36.7090 INCHES	YMRP = .0000 INCHES
BREF =	36.7090 INCHES	ZMRP = .0000 INCHES
SCALE =	.0300 SCALE	

MACH (1) = .902   BETAO (1) = -9.890

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.640				.3336	.3208	.2478	.1002								
186.380				.3764	.3606	.2402	-.0444								
189.920			.4083	.4608	.4035	.0703	-.4294								
193.480		.3797	.5036	.5653	.3753	.6622	.5460								
197.000	.2716	.4503	.5796	.0000	.0000	-.8041	-.3108								
200.540		.3940	.5579	.5482	-.6478	-.6616	-.4037								
204.080			-.0817	-.1412	-.6866	-.6189	-.5294								
207.620				-.0515	-.6010	-.6145	-.5027								
222.840											-.0757	-.0952	-.1019	-.0991	
226.380											-.0483	-.0929	-.1011	-.0966	
229.920										-.0361		-.1322	-.1634	-.0900	
233.460									-.0174	-.0425	.0210	-.3510	.0007	-.2867	
237.000								-.0470	.0063	.1219	.1817				
240.540									-.0060	.1234	.0000	.0000	-.5143		
244.080										.0393	.0749	-.2324	-.3928	-.3370	
248.200															-.0266
337.670															-.2188

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5498	-.6120	-.5184
237.580			.1012	-.6309	-.5647	-.5040
241.120		.0561	.0913	-.6923	-.5461	-.5517
244.660	.0068	.0443	.0677		-.6199	-.5913
248.200	.0009	.0369	.0620		-.6840	-.5449
251.740	-.0248	-.0147	.0388	-.4943	-.4676	-.7711
255.280	-.1557		-.2650	-.7210	-.8847	-.7864
323.510			-.4105	-.7229	-.8881	-.7627
327.050			-.4026	-.6910	-.8852	-.6840
330.590		-.3268	-.4267	.0000	-.9089	-.6721
334.130	-.2501	-.3268	-.4255		-.9257	
337.670	-.2484	-.3293	-.4300	.0000		
341.210	-.2524	-.3318	-.4300	.0000		
344.790		-.3283	-.4226	-.6675		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 VA14 JA+T12+S12N25+A119 ET ATTACH PTS.   (RB1224)

MACH (1) = .899   BETAO (2) = 10.090

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI / x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.2816	.2667	.2159	.1321								
186.380				.3062	.2687	.1975	.1201								
189.920				.3440	.2623	.1588	.1397								
193.460			.3657	.4197	.4036	.1965	.2068 .1625								
197.000		.3988	.4386	.0000	.0000	.1539	.2509								
200.540	.3255	.3966	.4234	.3872	.1061	.0911	.1870								
204.080		.3645	.4165	.3693	.1348	.1350	.1691								
207.620				.4092	.1789	.1482	.1864								
222.840											.1714	.0739	.0611	.0638	
226.380											.2578	.0960	.0485	.0554	
229.920										.2652	.4042	.0705	-.0394	.0855	
233.460									.2548	.3641	.4999	-.0594	.0000	-.1946	
237.000								.1873	.2681	.4117	.0000	.0000	-.4477	-.3363	
240.540									.2475	.3633	.2124	.1847	-.3336		
244.080										.2598					
248.200															.5303
337.670															-.2056

PHI / x/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.7080	-.9116	-.7418
237.580				-.6905	-.8908	-.6299
241.120		.6051	.6134	-.5166	-.8542	-.7123
244.660	.5615	.6222	.6557		-.8540	-.8595
248.200	.5736	.6237	.6542		-.8661	-.8632
251.740	.5902	.6068	.6618			
255.280		.5819	.6268	-.4440	-1.0120	-1.0320
323.510			.4174	-.6816	-.9204	-1.0060
327.050		-.2581	-.2929	-.6865	-.9265	-1.0060
330.590		-.2655	-.2788	-.6627	-.9028	-.9028
334.130	-.1889	-.2840	-.3248	.0000	-.9127	-.6531
337.670	-.1954	-.2996	-.3316		-.9166	-.5514
341.210	-.2045	-.3055	-.3706	.0000		
344.750			-.3740	-.6738		

ARC11-716 1A14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1225)   (09 OCT 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES	
LREF =	30.7090 INCHES	YMRP =	.0000 INCHES	
BREF =	30.7090 INCHES	ZMRP =	.0000 INCHES	
SCALE =	.0300 SCALE			

PARAMETRIC DATA

ALPHAO =	-8.000	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

MACH (1) =   .899   BETAO (1) =   -9.930

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240
PHI							
182.840				.3247	.3107	.2409	.0942
186.380				.3659	.3512	.2331	-.0509
189.920			.3963	.4487	.3947	.0631	-.4371
193.460		.3652	.4881	.5525	.3712	-.6699	-.5556
197.000	.2150	.4324	.5527	.0000	.0000	.824	-.3276
200.540		.3728	.5359	.5199	-.6590	-.6719	-.4105
204.080			-.0997	-.1910	-.6955	-.6312	-.5546
207.620				-.0795	-.6236	-.6334	-.4983
222.840							
226.380							
229.920							
233.460							
237.000							
240.540							
244.080							
248.200							
337.670							

X/LT	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
222.840			-.0181	-.0546	-.0768	-.0754	-.0759	
226.380			-.0620	-.0295	-.0741	-.0767	-.0717	
229.920			.1381	.0423	-.1079	-.1331	-.0685	
233.460		.0040	.1482	.3183	-.3183	.0000	-.2640	
237.000	-.0231	.0395	.0674	.2093	.0000	-.4877		
240.540		.0207		.1001	-.2093	-.3695	-.3130	
244.080								.0043
248.200								-.2112

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.1395	-.5429	-.6137	-.5115
237.580		.0063	.1254	-.6186	-.5673	-.4993
241.120		.0733	.0950	-.6773	-.5443	-.5273
244.660	.0335	.0654	.0878		-.6110	-.3788
248.200	.0201	.0138	.0731		-.6588	-.5473
251.740	.0003	-.1213	-.2444	-.4923	-.4620	
255.280				-.7077	-.8708	-.7194
323.510			-.4113	-.7038	-.8723	-.7550
327.050		-.3159	-.3949	-.6788	-.8752	-.7746
330.590	-.2432	-.3152	-.4198	.0000	-.9084	-.6941
334.130	-.2427	-.3239	-.4290		-.9356	-.6736
337.670	-.2405	-.3256	-.4290	.0000		
341.210		-.3246	-.4198	-.6964		
344.750						

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

APOLL-716 IA14 C3*T12+S12M25+AT10 ET ATTACH PTS.   (RB1225)

MACH NO = .998   BETA(2) = 10.390

SECTION: IDET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.840				.2660	.2575	.2049	.1268								
186.380				.2928	.2602	.1895	.1187								
189.920			.3493	.3310	.2512	.1531	.1348								
193.460		.3758	.3993	.3882	.1905	.1890	.1607								
197.000	.3027	.3736	.4157	.0000	.0000	.1450	.2424								
200.540		.3488	.4066	.3608	.0922	.0963	.1734								
204.080			.3897	.3655	.1245	.1217	.1597								
207.620				.3958	.1614	.1297	.1771								
222.840												.1184	.1008	.1098	
226.380										.1978	.2760	.1343	.0981	.0910	
229.920								.2747	.2818	.3803	.4168	.1025	.0111	.1267	
233.460								.2906	.4340	.5223	-.0438	.0000	-.1334		
237.000							.2109								
240.540								.2712	.3389	.0000	.0000	-.3756			
244.080									.2828	.2469	-.1318	-.2567	-.2660		
248.200															.5454
357.670															-.8144

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.5820	.6323	.6491	-.6733	-.8795	-.7065
237.580	.5921	.6436	.6814	-.6585	-.8559	-.5919
241.120	.6027	.6427	.5777	-.4968	-.7983	-.6674
244.660		.6159	.6802		-.8227	-.8183
248.200		.5855	.6265		-.8256	-.8341
251.740			.4210	-.4367	-.9711	
255.280				-.5691	-.9054	-1.0270
323.510		-.2724	-.2930	-.6807	-.9212	-1.0090
327.050		-.2783	-.2930	-.6664	-.9064	-.9107
330.390	-.2007	-.3004	-.3448	.0000	-.9148	-.6679
334.130	-.2139	-.3168	-.3682	.0000	-.9902	-.5417
337.670	-.2253	-.3138	-.3849	-.6757		
341.210			-.3894			
344.750						

ARC11-716 IA14 O1+T12+S12M25+AT10 ET ATTACH PTS.

(RB1226) (09 OCT 73)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

| ALPHAO = | -6.000 | ELEVON = | .000 |
| RUDDER = | .000 | SPOBRK = | .000 |

MACH (1) = .897   BETAO (1) = -9.940

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.040				.3177	.3064	.2382	.0920								
186.380				.3594	.3454	.2289	.0513								
189.920			.3886	.4407	.3869	.0612	-.4362								
193.460		.3543	.4806	.5391	.3632	-.6678	-.5549								
197.000	.2367	.4212	.5446	.0000	.0000	-.8284	-.3235								
200.540		.3545	.5199	.5023	-.6588	-.6737	-.3992								
204.080			-.1158	-.2111	-.6905	-.6287	-.5474								
207.620				-.0858	-.6301	-.6375	-.4846								
222.840															
226.380										.0143	-.0247	-.0427	-.0438	-.0420	
229.920										.0895	.0017	-.0380	-.0415	-.0403	
233.460									.0310	.1718	.0765	-.0747	-.0957	-.0376	
237.000								.0052	.0565	.1715	.2348	-.2843	.0000	-.2336	
240.540									.0472	.0868	.0000	.0000	-.4364		
244.080											.1141	-.1824	-.3271	-.2744	
248.200															.0455
337.670															-.2025

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.0760	.1266	.1684	-.5345	-.6001	-.4982
237.580	.0699	.1175	.1635	-.6093	-.5500	-.4863
241.120	.0497	.1097	.1518	-.6687	-.5243	-.5365
244.660		.0601	.1363		-.6179	-.5771
248.200			.1358	.0000	-.6778	-.5369
251.740	-.0875		-.2054	-.4764	-.4420	
255.280				-.6847	-.6439	-.6753
323.510				-.6894	-.8486	-.7362
327.050		-.3002	-.3960	-.6699	-.8672	-.7525
330.590		-.3042	-.3841	-.9048	-.6602	
334.130	-.2278	-.3141	-.4116	.0000	-.9298	-.6458
337.670	-.2316	-.3186	-.4142	.0000		
341.210	-.2353	-.3181	-.4194			
344.750			-.4135	-.6966		

AR11-716 IA14 D1+T12+S12N25+A11G ET ATTACH PTS.   (RB1226)

MACH (1) = .898   BETAD (2) = 10.070

DEPENDENT VARIABLE CP

SECTION 1 (DET ATTACH POINTS)

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.2523	.2394	.1911	.1142								
186.380				.2768	.2409	.1778	.1071								
189.920			.3278	.3092	.2355	.1399	.1227								
193.460			.3775	.3661	.1783	.1651	.1504								
197.000	.2860	.3560	.3929	.0000	.0000	.1279	.2266								
200.540		.3303	.3863	.3459	.0692	.0712	.1606								
204.080			.3706	.3505	.1037	.1027	.1474								
207.620				.3740	.1441	.1140	.1565								
222.840											.2241	.1508	.1327	.1366	
226.380											.2942	.1635	.1263	.1342	
229.920										.3045	.4295	.1317	.0514	.1602	
233.460									.2971	.3972	.5336	-.0088	.0000	-.0796	
237.000								.2333	.3116	.4441					
240.540										.3994	.0000	.0000	-.3341		
244.080									.2927	.3033	.2697	-.0954	-.2142	-.2096	
248.200														.5525	
337.670														-.2233	

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6352	-.8417	-.6542
237.580			.6853	-.6258	-.8220	-.5378
241.120			.7079	-.4697	-.7723	-.6117
244.660	.5961	.6539	.6905		-.7582	-.7741
248.200	.5970	.6483	.6780		-.7762	-.7851
251.740	.5978	.6080	.6148			
255.280		.5706	.4158	-.4324	-.9073	
323.510				-.6828	-.9080	-1.0600
327.050		-.3191		-.6998	-.9298	-1.0140
330.590	-.2220	-.3179		-.6860	-.9199	-.9347
334.130	-.2265	-.2938	-.3694	.0000	-.9261	-.7343
337.670	-.2405	-.3137	-.3905	.0000	-.9201	-.5689
341.210		-.3253	-.4051			
344.750		-.3226	-.4048	-.6880		

ARC11-716 IA14 QL+T12+S12N2S+ATIO ET ATTACH PTS.   (RB1227)   (09 OCT 73)

PARAMETRIC DATA

ALPHAO =	-4.000	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
LREF =	30.7090 INCHES	YMRP =	.0000 INCHES
BREF =	30.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

MACH (1) = .890   BETAO (1) = -9.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
102.840				.3092	.2977	.2316	.0883								
106.380				.3489	.3349	.2223	-.0539								
189.920			.3773	.4283	.3747	.0541	-.4395								
193.460		.3444	.4623	.5227	.3525	-.6658	-.5474								
197.000	.2286	.4024	.5282	.0000	.0000	-.8258	-.3260								
200.540		.3385	.4975	.4821	-.6673	-.5699	-.3687								
204.080		-.1343	-.1343	-.2203	-.6385	-.6265	-.3423								
207.620				-.0560	-.6378	-.6474	-.4726								
222.840										.0367	.0066	-.0126	-.0156	-.0126	
226.380										.0984	.0352	-.0094	-.0171	-.0109	
229.920										.1595	.1131	-.0325	-.0555	-.0120	
233.460									.0043	.1472	.2227	-.1787	.0000	-.1656	
237.000								.0185	.0618	.0738	.0000	.0000	.3630		
240.540									.0541		.0828	-.1624	-.2806	-.2444	
244.080															.0864
248.200															-.1845

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5435	-.5997	-.4768
237.580			.1757	-.6388	-.5291	-.4904
241.120		.1529	.1918	-.6914	-.5320	-.5510
244.660	.1115	.1492	.1824	-.6210	-.6002	
248.200	.1071	.1512	.2099	-.7131	-.5237	
251.740	.0903	.0952	.2116	-.4340		
255.180	-.0751	-.1850	-.4519	-.8177	-.6645	
323.310			-.6643	-.8444	-.7340	
327.050		-.3830	-.6775	-.8652	-.7068	
330.590	-.2903	-.3745	-.6649	-.9072	-.6091	
334.130	-.2229	-.2968	-.4028	.0000	-.9238	-.6229
337.670	-.2229	-.3052	-.4092			
341.810	-.2300	-.3142	-.4176	.0000		
344.790		-.3144	-.4139	-.6900		

AREO(1) 1A14 CX+T12+S12+25+A710 ET ATTACH PTS.

(RB1228)   (08 OCT 73)

REFERENCE DATA

		PARAMETRIC DATA		
SREF = 2.4200 SQ.FT.	XMRP = 29.5800 INCHES	ALPHAO =	.000	ELEVON = .000
LREF = 38.790 INCHES	YMRP = .0000 INCHES	RUDDER =	.000	SPDBRK = .000
BREF = 38.790 INCHES	ZMRP = .0000 INCHES			
SCALE = .0300 SCALE				

MACH (1) = 1.246   BETAO (1) = -10.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
182.840				.5781	.5905	.5550	.4509								
186.300				.6092	.6175	.5520	.3622								
189.020			.6113	.6596	.6383	.4404	.0882								
193.480		.5697	.6583	.7110	.6284	-.0965	-.0760								
197.000	.4072	.6072	.6918	.0000	.0000	-.3065	-.0073								
200.340		.5652	.6709	.6739	-.2860	-.3928	.1855								
204.080			.2390	.2075	-.2085	-.2282	-.0909								
207.620				.2245	-.2110	-.2054	-.1024					.0861	.1046	.1152	
222.840											.0786	.0871	.1010	.1103	
226.380										.0902	.0961	.0799	.0997	.1103	
229.920									.0871	.1148	.1233	.0390	.0000	.0072	
233.480								.3725	.0976	.1456	.1883	.0000	-.1301		
237.000									.1087	.1631	.0000	.0000	-.0680	-.0340	
240.540										.1346	.1295	-.0092			
244.080															.8334
248.800															.0587
337.670															

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3698	-.4412	-.3888
237.580		.2728	.2737	-.3786	-.4200	-.3712
241.120	.2903	.2835	.3105	-.2987	-.3923	-.3784
244.660	.2901	.2882	.3084	-.3697	-.3969	-.3969
248.200	.2403	.2421	.3266	-.4071	-.4276	-.4276
251.740	.1149	.3444	-.2804	-.4053		
255.280		.0478	-.1919	-.3042	-.4116	
323.510		-.0363	-.2082	-.3212	-.4266	
327.050	.0463	-.0124	-.0361	-.2085	-.3401	-.4418
330.590	.0409	.0047	-.0559	.0000	-.3655	-.4550
334.130	.0386	-.0003	-.0616	.0000	-.3839	-.4680
337.670		-.0069	-.0647	-.2452		
341.210		-.0097	-.0699			
344.750						

TABULATED PRESSURE DATA - IA14A - VOL. 11

MACH (1) = 1.245   BETAO (2) = -7.960

ARC11-716 IA14 CL+Y12+512+M25+AT10 ET ATTACH P'S.   (RB1281)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.5959	.8010	.5549	.4428								
186.340				.6234	.6270	.5506	.3501								
189.920				.6656	.6477	.4293	.0671								
193.480		.9884	.6244	.7161	.6166	-.1148	-.0453								
197.000	.5022	.6218	.7006	.0000	.0000	.2916	.0233								
200.540		.9058	.6852	.6852	-.2597	-.1799	.1970								
204.040			.2477	.2435	-.2625	-.2001	-.0833								
207.620				.2648	-.1956	-.1963	-.0987								
222.840												.0966	.1111	.1810	
226.390											.0974	.0919	.1049	.1190	
229.920									.1349	.1244	.1141	.0724	.0874	.1212	
233.480									.1617	.1759	.1488	.0026	.0000	-.0352	
237.000							.1149			.2381	.2788				
240.540									.1617	.2785	.0000	.0000	.2042	-.0030	
244.080										.2376	.2867	.0314	.0921		
245.200															.2936
337.572															.0679

X/LT	.8210	.8270	.9320	.9360	.9430	.9490
PHI						
234.040				-.3887	-.5376	-.4937
237.580			.3098	-.3901	-.5210	-.4743
241.120		.5564	.3752	.2521	-.5216	-.4800
244.660	.3363	.3492	.4322		-.5221	-.5315
248.200	.3148	.4014	.4017		-.5348	-.5303
251.740	.3145	.3361	.3796			
255.280		.2995	.2114	-.2128	-.5430	-.4349
323.510				-.1968	-.3259	-.4297
327.050		.0214	-.0260	-.2014	-.3185	-.4315
330.590		.0173	-.0226	-.1946	-.3276	-.4424
334.130	.0563	.0061	-.0419	.0000	-.3522	-.4567
337.670	.0560	.0066	-.0495		-.3753	
341.810	.0503	.0039	-.0543	.0000		
346.750		.0019	-.0558	-.2319		

DATE ... JAN 79   AUTOMATED ... RESOURCE ... TARGA ... PL... ...

AERO ... TARGA ... CONFIGURATION ET ATTACH PTS.   (R91228)

MACH ... B   3.216   BETA ... S = -6.020

SECTION   ... ET ATTACH POINTS

DEPENDENT VARIABLE C?

PHI	.3910	.39?E	.432C	.4C05	.4130	.4160	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
182.040				.6145	.6117	.5594	.4383								
186.380				.6439	.5587	.5512	.3410								
186.920			.6531	.6948	.6580	.4266	.0557								
193.480		.6261	.7092	.7809	.6420	-.1191	.0147								
197.000		.6657	.7480	.0000	.0000	-.2788	.0769								
200.540	.5510	.6135	.7303	.7373	-.2182	-.1513	.2235								
204.080			.2904	.2272	-.2162	-.1576	-.0468								
207.620				.2766	-.1718	-.1565	-.1120								
222.840											.0851	.0869	.1011	.1163	
226.380										.0967	.0977	.0902	.0959	.1044	
229.920									.0977	.1252	.1272	.0825	.0918	.0983	
233.480								.0869	.1077	.1516	.1097	.0491	.0000	.0104	
237.000									.1149	.1609	.0000	.0000	-.0957	-.0107	
240.540										.1414	.1383	.0195	-.0422		
337.6?0														.3097	.0838

PHI	.9210	.92?C	.9?6C	.9380	.9450	.9480
234.040				.3455	-.4128	-.3340
237.590			.2525	-.3807	-.3775	-.3457
241.180		.3281	.3245	-.3238	-.3356	-.3351
244.640	.3177	.3765	.3942		-.3395	-.3382
248.200	.3503	.42?3	.4501		-.3294	-.3392
251.740	.3769	.4123	.4997			
255.280		.3610	.3137	-.1280	-.4441	-.4462
323.510				-.2008	-.3270	-.4343
327.050			-.0118	-.1961	-.3172	-.4291
330.990			-.0133	-.1834	-.3146	-.4320
334.130	.0709	.0376	-.0297	.0000	-.3301	-.4418
337.670	.0660	.0327	-.0382	.0000	-.3540	
341.210	.0652	.0242	-.0394	.0000		
344.750		.0158	-.0436	-.2171		

ARC11-716 IA14 CX+T:2+SI2N25+AT10 ET ATTACH PTS.   (RB1228)

MACH (1) = 1.247   BETAO (4) = -3.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4030	.4130	.4190	.4240	.6070	.8120	.8160	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5981	.6011	.5553	.4348								
186.380				.6109	.6165	.5416	.3368								
189.920			.6023	.6440	.6206	.4166	.0723								
193.460		.5591	.6246	.7905	.5953	-.0351	.1341								
197.000	.9047	.5746	.6413	.0000	.0000	-.0801	.2143								
200.540		.5101	.5963	.5906	-.0936	.0254	.3070								
204.080				.1352	-.0974	-.0518	.0504								
207.620			.2144	.2227	-.0572	-.0416	.0180								
222.840											.0827	.0824	.0959	.1051	
226.380											.1019	.0883	.0920	.0959	
228.920									.0993		.1389	.0827	.0915	.0916	
233.460								.1016	.1275		.2045	.0511	.0000	.0050	
237.000							.0877	.1111	.1544		.0000	.0000	-.0705		
240.540								.1144	.331		.1168	.0135	-.0252	-.0215	
244.080									.1262						.2805
248.200															.0748
33?.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3751	-.4385	-.3683
237.580		.2621		-.3901	-.3957	-.3668
241.120		.2622	.2822	-.3619	-.3658	-.3717
244.660	.2548	.2878	.3076	-.1472	-.3616	-.3934
248.200	.2785	.3098	.3671		-.3637	-.4039
251.740	.2999	.3155	.4266			
255.280		.2878	.2520	-.2117	-.4675	
323.510			-.0040	-.2163	-.3508	-.4625
327.050			-.0043	-.1913	-.3443	-.4483
330.590	.0715	.0413	-.0236	.0000	-.3283	-.4390
334.130	.0663	.0349	-.0329		-.3314	-.4398
337.670	.0646	.0269	-.0355	.0000	-.3436	
341.210		.0218	-.0399	-.2073		
344.750		.0186				

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL 11

ARC11-716 1A14 X+T12+S12+25+AT10 ET ATTACH PTS.

MACH (1)= 1.246   BETA0 (5)= -2.046

SECTION (1) ET ATTACH POINTS   (RB1228)

DEPENDENT VARIABLE CP

PHI / X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5377	.5399	.5023	.4051								
186.380				.5409	.5461	.4872	.3188								
189.920			.5241	.5522	.5432	.3744	.1480								
193.460		.4728	.5262	.5982	.5170	.0862	.2330								
197.000	.4312	.4779	.5200	.0000	.0000	.0582	.2758								
200.540		.4704	.4764	.4598	-.0174	.1541	.3280								
204.080			.1800	.1127	-.0169	.0365	.0805								
207.620				.2097	.0159	.0362	.1254								
222.840										.1164	.1063	.1041	.1103	.1152	
226.380										.1452	.1245	.1068	.1080	.1149	
229.920										.1734	.1690	.1078	.1080	.1122	
233.460									.1197	.1632	.2260	.0965	.0000	.0098	
237.000								.1043	.1285		.0000	.0000	-.0624	-.0206	
240.540									.1241	.1346	.1171	.0199	-.0192		
244.080															.2525
248.200															.0744
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3492	-.4122	-.3541
237.580			.2520	-.3808	-.3917	-.3391
241.120		.2652	.3104	-.3070	-.3726	-.3495
244.660	.2525	.2899	.3204		-.3715	-.3306
248.200	.2705	.2946	.3330		-.3852	-.4088
251.740	.2714	.2786	.3271			
255.280		.2436	.1846	-.2237	-.4398	
323.510				-.2105	-.3489	-.4735
327.050			-.0034	-.2222	-.3611	-.4802
330.590		.0339	-.0054	-.2095	-.3585	-.4864
334.130		.0332	-.0165	.0000	-.3740	-.4880
337.670	.0780	.0273	-.0288		-.3753	-.4745
341.210	.0708	.0240	-.0342	.0000		
344.750	.0646	.0211	-.0373	-.1909		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1228)

MACH (1) = 1.246   BETAO (6) =   .010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4816	.4843	.4530	.3603								
186.380				.4840	.4781	.4271	.2957								
189.920			.4759	.4842	.4684	.3229	.1948								
193.460		.4456	.4752	.5151	.4245	.1259	.2572								
197.000		.4415	.4710	.0000	.0000	.0893	.2873								
200.540	.4083		.4343	.4031	.0039	.1584	.3253								
204.080		.3916	.3343	.1453	.0039	.0425	.0853								
207.620			.2158	.2160	.0289	.0532	.1436								
222.840										.2179	.1985	.1769	.1761	.1725	
226.380									.2022	.2577	.2450	.1959	.1841	.1866	
229.920									.2061	.2675	.3123	.2075	.1815	.1965	
233.460								.1742			.3131	.2465	.0000	.0539	
237.000										.2333	.0000	.0000	-.1463		
240.540									.1945	.1901	.1514	.0026	-.0810	-.0819	
244.080															.3497
248.200															.0827
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.3931	.3996	-.3565	-.4558	-.3537
237.590		.3949	.4433	-.3314	-.4328	-.3306
241.120		.3861	.4194	-.2152	-.3958	-.3505
244.660	.3644	.3681	.4122	-.3766	-.4000	
248.200	.3669	.3378	.4235	-.3917	-.4090	
251.740	.3662		.2821	-.1531	-.4750	-.4473
255.280				-.2190	-.3327	-.4468
323.510			-.0190	-.2131	-.3345	-.4574
327.050		.0409	-.0048	-.2001	-.3358	-.4719
330.590		.0401	-.0159	.0000	-.3565	-.4887
334.130	.0802	.0398	-.0155	.0000	-.3707	
337.670	.0845	.0383	-.0147			
341.210	.0889	.0355	-.0139	-.2017		
344.750						

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. II   PAGE 5955

ARC11-716 IA14 34/T12+S12+S25+A11O ET ATTACH PTS.   (RB1229)   (08 OCT 73)

PARAMETRIC DATA

ALPHAO = -10.000   ELEVON =   .000
RUDDER =   .000   SPDBRK =   .000

REFERENCE DATA

CREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
CREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0390 SCALE		

MACH (1) = 1.245   BETAO (1) =   .030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.6654	.6510	.5750	.4324								
186.380				.6801	.6494	.5378	.3190								
189.920			.6906	.7066	.6418	.3827	.1362								
193.460			.7228	.7662	.5842	.0659	.3053								
197.000	.6106		.7644	.0000	.0000	.0333	.3124								
200.540		.6924	.7431	.7145	.0845	.0694	.2681								
204.080		.6430	.4023	.3475	.0638	.1098	.1326								
207.620				.4125	.1064	.1181	.1360								
222.840												.0910	.0842	.0821	
226.380											.1326	.1128	.0850	.0837	
229.920										.1778	.1894	.1051	.0695	.1008	
233.460									.1740	.2408	.2755	.1113	.0000	-.1847	
237.000								.1370	.1928	.2757	.3459				
240.540									.1881	.2552	.0000	.0000	-.5151		
244.080										.2007	.1647	-.1029	-.2796	-.3225	
248.200															.0722
337.670															.0485

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.3006	-.3707	-.4923	-.3984
237.580		.3155	.3407	-.3505	-.4706	-.3841
241.120		.3260	.3484	-.2602	-.4351	-.4046
244.660	.2893	.3350	.3718	-.4447	-.4463	
248.200	.2976	.3229	.4027	-.4403	-.4613	
251.740	.2998	.2831	.2208	-.2154	-.4841	
255.280				-.2077	-.3554	-.4913
323.510		-.0010	-.2260	-.3699	-.4939	
327.050		-.0051	-.2234	-.3568	-.4952	
330.590	.0237	-.0364	.0000	-.3852	-.5027	
334.130	.0127	-.0325	.0000	-.3960	-.5108	
337.670	-.0022	-.0612				
341.210	-.0102	-.0682	-.2338			
344.750	-.0131					

ARC11-716 IA14 OL+T12+S12+S+AT10 ET ATTACH PTS.   (R61231)   (06 FEB 74)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

MACH =	.900	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -10.140   BETAO (1) = -8.370

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390
PHI														
182.840					.3137	.2435	.0810							
186.380				.3691	.3418	.2258	.0685							
189.920			.4020	.4459	.3917	.0475	.4563							
193.460		.3704	.4918	.5526	.3579	.5675	.4600							
197.000	.2537	.4393	.5719	.0000	.0000	.7566	.2890							
200.540		.3805	.5492	.5216	.5060	.6273	.4435							
204.080			-.0885	-.1444	-.6208	.5928	.5283							
207.620				.1752	-.5578	.5763	.4662							
222.840											-.0680	-.0890	-.0854	-.0841
226.380											-.0445	-.0827	-.0849	-.0846
229.920											.0243	-.1147	-.1420	-.0070
233.460									-.0139		.1633	-.2758	.0000	.2432
337.000								-.0344	.0048	.0356				
240.540									.0033	.1052	.0000	.0000	-.4620	
244.080										.1072	.0633	-.1959	-.3607	-.3192
248.200										.0390				-.0034
337.670														-.2135

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5347	-.6095	-.5141
237.580			.1171	-.5973	-.5610	-.4941
241.120		.0939	.1254	-.6751	-.5096	-.5184
244.660	.0380	.0944	.1131		-.5497	-.5620
248.200	.0752	.0714	.0935		-.6083	-.5725
251.740	.0071	.0247	.0621			
255.280		-.0909	-.2005	-.5297	-.4988	
323.510				-.7196	-.8696	-.7528
327.050			-.4075	-.7192	-.8766	-.7535
330.590		-.3197	-.3937	-.6872	-.8741	-.7390
334.130	-.2442	-.5177	-.4158	.0000	-.8931	-.6743
337.670	-.2439	-.3212	-.4207		-.8966	-.6432
341.210	-.2467	-.3204	-.4204	.0000		
344.750		-.3213	-.4147	-.6854		

ALPHA0(1) = -10.130　　BETA0(2) = -0.560

AR011-716 IA14 20+T12+012N25+AT10 ET ATTACH PTS.　　　　(RB1231)

SECTION (FIRST ATTACH POINTS)　　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.9160
PHI														
182.840				.3359	.3107	.2271	.0515							
186.390				.3674	.3355	.2011	.1050							
189.920			.3980	.4370	.3618	.0107	-.4796							
193.460		.3649	.4833	.5438	.3257	-.5708	-.3909							
197.000	.2353	.4229	.5680	.0000	.0000	-.7604	-.2709							
200.540		.3652	.5400	.6061	-.5907	-.5991	-.4685							
204.080			-.1045	-.1471	-.6038	-.5795	-.5451							
207.620				.2587	-.5332	-.5634	-.4351							
222.840												-.0746	-.0685	-.0690
226.380											-.0523	-.0713	-.0710	-.0690
229.920										-.0126	-.0254	-.0985	-.1234	-.0772
233.460									.0464	.0545	.2447	.0000	-.2477	
237.000							-.0189	.0014	.0183	.1079	.1726			
240.540									.0155	.0986	.0000	.0000	-.4323	
244.080										.0391	.0467	-.1926	-.3313	-.2991
248.200														.0348
337.670														-.2132

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.1173	-.5276	-.6003	-.4832
237.580		.1371	.1539	-.5952	-.5081	-.4762
241.120		.1548	.1658	-.7151	-.4787	-.4741
244.660	.0854	.1250	.1492		-.4879	-.4930
248.200	.0771	.0835	.1175		-.5206	-.5422
251.740	.0540	-.0211	-.1167	-.5427	-.4867	
255.230				-.7119	-.8755	-.7756
323.510			-.4128	-.7245	-.8483	-.7622
327.050		-.3248	-.4002	-.6924	-.8868	-.7284
330.590		-.3269	-.4252	.0000	-.9057	-.6445
334.130	-.2440	-.3271	-.4223		-.8986	-.6017
337.670	-.2432	-.3299	-.4267	.0000		
341.210	-.2505	-.3281	-.4196	-.6851		
344.790						

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CR+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(1) = -10.130   BETAO(3) = -4.840

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.3280	.8340	.8390	.160
PHI															
182.840				.3434	.3133	.2163	.0273								
186.380				.3706	.3390	.1827	-.1319								
189.920			.4045	.4358	.3514	-.0165	-.4895								
133.460		.3707	.4860	.5371	.3060	.6710	.3220								
197.000	.2419	.4224	.5685	.0000	.0000	-.7569	-.2577								
200.540		.3676	.5335	.6068	-.5526	-.5554	-.4644								
204.080			-.0758	-.0634	-.5486	-.5560	-.5360								
207.620				.3421	-.5351	-.5164	-.4536								
222.840											-.0331	-.0532	-.0505	-.0507	
226.380											.0051	-.0537	-.0537	-.0512	
229.920										.0121	.0981	-.0753	-.1072	-.0653	
233.460									.0221	.0794	.2077	-.2110	.0000	-.2441	
237.000								.0000	.0384	.1376	.0000	.0000	-.4195		
240.540									.0314	.1145	.0421	-.1962	-.3155	-.2868	
244.080															.0677
246.200															-.2109
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9490
PHI						
234.040				-.5396	-.5828	-.4955
237.580			.1297	-.6069	-.4804	-.4532
241.120		.1477	.1663	-.7195	-.4525	-.4658
244.660	.1072	.1728	.1915	-.4703	-.4703	-.4837
248.200	.1040	.1670	.1983	.0000	-.5005	-.5259
251.740	.0939	.1270	.1814	.0000	-.8960	
255.280		.0341	-.0583	-.5555	-.4754	
323.510				-.7035	-.8703	-.7868
327.050			-.4004	-.7159	-.8811	-.7893
330.590		-.3116	-.3910	-.6843	-.3916	-.7583
334.130	-.2401	-.3134	-.4165	.0000	-.9035	-.6470
337.670	-.2385	-.3202	-.4205	.0000	-.8960	-.5883
341.210	-.2464	-.3230	-.4232	.0000		
344.750		-.3247	-.4105	-.6868		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA144 - VOL. II

(R81231)

ARC11-716 IA44 C14+T12+S12+25+AT10 ET ATTACH PTS.

ALPHA(1) = -10.080   BETA(4) = -3.250

SECTION 1 ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3910	.3970	.4020	.4080	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
PHI
162.840				.3427	.3119	.2101	.0131							
166.380				.3721	.3247	.1683	-.1506							
189.920			.4089	.4295	.3360	-.0431	-.5017							
193.460		.3846	.4899	.5285	.2834	-.6724	-.2752							
197.000	.2663	.4360	.5711	.0000	.0000	-.7398	-.2560							
200.540		.3871	.5353	.6185	-.5109	-.5050	-.4401							
204.080			-.0363	.0993	-.5922	-.4886	-.4863							
217.620				.4089	-.4990	-.4657	-.4302							
222.840										-.0113	-.0339	-.0369	-.0411	
226.380										.0274	-.0315	-.0409	-.0446	
229.920									.0314	.1252	-.0506	-.0827	-.0361	
233.460								.0430	.0997	.2357	-.1683	.0000	-.2400	
237.000							.0222	.0619	.1578	.0000	.0000	-.4173		
240.540								.0542	.1369	.0557	-.1977	-.3190	-.2941	
244.080									.0708					.1095
337.670														-.2062

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.5642	-.6018	-.4669
237.580			.1682	-.6117	-.4994	-.4649
241.120		.1794	.2012	-.7015	-.4616	-.4846
244.660	.1396	.1942	.2214		-.4956	-.5249
248.200	.1468	.1992	.2362		-.5401	-.1797
251.740	.1421	.1630	.2224			
255.280		.0845	-.0196	-.5784	-.4796	
323.510			-.3958	-.7057	-.8727	-.7813
327.050			-.3848	-.7122	-.8797	-.7840
330.590		-.3084	-.4118	-.6799	-.8759	-.7643
334.130	-.2328	-.3124	-.4161	.0000	-.8956	-.6587
337.670	-.2326	-.3221	-.4190	.0000	-.8936	-.5897
341.210	-.2444	-.3244	-.4188	-.6910		
344.750		-.3251				

ARC11-716 1A14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(1) = -10.040   BETAO (3) = -1.600

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3010	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.7180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3527	.3168	.2037	.0035								
186.380				.3745	.3220	.1521	-.1625								
189.920			.4228	.4240	.3143	.0704	-.4457								
193.480			.4931	.4978	.2319	-.5426	-.2412								
197.000	.3872	.4178	.5664	.0000	.0000	-.5611	-.2355								
200.500		.4654	.5759	.6432	-.4302	-.4566	-.3915								
204.080		.4293	.1098	.1494	-.4492	-.4295	-.4181								
207.620				.4129	-.4351	-.3861	-.3478								
222.840											.0333	.0013	-.0035	-.0092	
226.380											.0857	.0077	-.0119	-.0156	
229.920										.0874	.2135	-.0131	-.0701	-.0205	
233.460								.0633	.0949	.1698		-.1325	.0000	-.2460	
237.000									.1127	.2249	.3153	.0000	-.4638		
240.540									.1016	.1931	.0000	-.2165	-.3547	-.3369	
244.080										.1115	.0911				
248.290															.1924
337.670															-.2000

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6042	-.6157	-.4787
237.580			.2365	-.6456	-.5038	-.4777
241.120		.2508	.2816	-.6711	-.4678	-.4904
244.680	.2192	.2734	.3937		-.4968	-.5444
248.200	.2281	.2816	.3173		-.5512	-.5804
251.740	.2269	.2514	.3089			
255.280		.1890	.0712	-.5592	-.4822	
323.310				-.7081	-.8844	-.8385
327.030			-.3822	-.7166	-.8909	-.8227
330.590			-.3730	-.6818	-.8809	-.7905
334.130	-.2270	.3010	-.3055	.0000	-.8987	-.6566
337.670	-.2313	-.3116	-.4114		-.8947	-.9969
341.810	-.2349	-.3103	-.4139	.0000		
344.790		-.3186	-.4136	-.6853		

DATE 27 JAN 75   TABULATED PRESSURE DATA - TA14A - VOL. II

ARC11-716 DATA D1+T12+S12+25+AT1D ET ATTACH PTS.   (RB1231)

ALPHA(1) = -10.040   BETA(6) = .100

SECTION 6 (INLET ATTACH POINTS)   DEPENDENT VARIABLE CP

X/C	.3910	.3975	.4020	.4080	.4130	.4190	.4240	.8075	.8120	.8180	.8230	.8260	.8340	.6980	.9180
PHI															
182.840				.3361	.2978	.1835	-.0090							.6980	.9180
186.380				.3551	.1951	.1211	-.1610								
189.920			.4104	.3934	.2695	.1012	-.3510								
193.460		.4228	.4773	.4566	.1590	.4029	-.1863								
197.000	.3622	.4797	.5640	.0000	.0000	.4650	-.2008								
200.540		.4524	.6079	.6450	-.3776	.4139	-.3414								
204.080			.2102	.2249	-.4073	.3711	-.3468								
207.520				.4288	-.3835	.2964	-.2758								
222.840												.0291	.0175	.0096	
226.380											.0815	.0430	.0111	.0108	
229.920									.1387	.1469	.1569	.0331	-.0511	.0213	
233.460								.1514	.2314	.3052	-.0407	.0000	-.2128	
237.000							.0920	.1332	.2746	.3593				
240.540									.2232	.0000	.0000	-.5463		
244.080									.1347	.0927	-.2609	-.4232	-.4084	
248.240														.2620
337.670														-.1964

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5992	-.5411	-.4359
237.580		.3326	.3119	-.6503	-.5419	-.4284
241.120		.3485	.3600	-.6471	-.4028	-.4226
244.660	.2907	.3485	.3675		-.4108	-.4236
248.200	.2986	.3420	.3838		-.4195	-.4568
251.740	.2976	.3271	.3790			
255.280		.2621	.1426	-.4951	-.4089	
323.510				-.7047	-.8928	-.8696
327.090			-.3695	-.7133	-.0203	-.8412
330.590	-.2942		-.3617	-.6814	-.8918	-.7894
334.130	-.2801	-.3000	-.3931	.0000	-.9053	-.6682
337.670	-.2228	-.3073	-.4061		-.6978	-.5918
341.210	-.2325	-.3143	-.4108	.0000		
344.790		-.3141	-.4113	-.6759		

ALPHAO(1) = -10.000   BETAO (7) = 1.810

ARC11-716 1A14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (R81231)

SECTION (1)ET ATTACH PO_NTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.040				.3250	.2021	.1703	-.0076								
186.380				.3415	.2769	.1069	-.1269								
189.920			.4064	.3777	.2416	.0976	-.2455								
193.480		.4367	.4814	.4346	.1323	-.2745	-.1485								
197.000	.3005	.4930	.5737	.0000	.0000	-.3959	-.1863								
200.540		.4709	.6184	.3546	-.2809	-.3427	-.2874								
204.080			.2418	.1986	-.3343	-.2816	-.2639								
207.620				.4358	-.2622	-.1976	-.2021								
222.840											.1238	.0564	.0374	.1293	
226.380											.2003	.0784	.0349	.0349	
229.920									.1669	.1869	.3329	.0656	-.0345	.0907	
233.480									.1748	.2679	.3014	.0073	.0000	-.2016	
237.000								.1112		.3016	.0000	.0000	-.6010		
240.540									.1525	.2436	.0000	-.2852	-.4661	-.4478	
244.080										.1461	.1205				
248.200															.3255
337.670															-.1084

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5137	-.4863	-.3580
237.580			.4046	-.6089	-.4097	-.3552
241.120		.4030	.4252	-.5858	-.3221	-.3739
244.560	.3611	.4330	.4259		-.3141	-.3869
248.200	.3633	.4020	.4393		-.3079	-.3370
251.740	.3633	.3733	.4143			
255.280		.3224	.1937	-.4617	-.3320	
323.510				-.6890	-.6342	-.9483
327.030				-.7046	-.9306	-.8799
330.590		-.2734	-.3463	-.6752	-.8877	-.7973
334.130	-.2034	-.2836	-.3403	.0000	-.9056	-.6804
337.670	-.2076	-.2959	-.3759	.0000	-.8989	-.5678
341.210	-.2146	-.3034	-.3855			
344.750		-.3965	-.4005	-.4010		-.6718

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

A MACH 11 = -10.130   BETAS (B). 3.580   (RB1231)

SECTION 1 WET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4100	.4150	.4200	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.3135	.2720	.1707	.0121								
186.380				.3327	.2693	.1124	-.0815								
189.920			.4028	.3707	.2327	-.0623	-.1510								
193.460		.4384	.4792	.4351	.1298	-.1670	-.0906								
197.000	.4073	.5040	.5787	.0000	.0000	-.3082	-.1623								
200.540		.4779	.6219	.5592	-.1712	-.2434	-.2138								
204.080			.2881	.2006	-.2382	-.1877	-.1694								
207.520				.4239	-.1327	-.1096	-.1080								
222.840												.0387	.0453	.0411	
226.380												.0784	.0391	.0404	
229.920											.1268	.0667	-.0273	.0595	
233.460									.1745	.1924	.2019	.0008	.0000	-.1911	
237.000								.1199	.1810	.2717	.3343				
240.540									.1609	.3053	.3875	.0000	-.5360		
244.080										.2511	.0000	-.2529	-.4230	-.4047	
248.290															.3316
337.670									.1552		.1109				-.1016

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5593	-.5243	-.4058
237.580			.4433	-.6163	-.4263	-.3988
241.120		.4465	.4800	-.5833	-.3961	-.4010
244.660	.4101	.4577	.4835		-.3984	-.4283
248.200	.4173	.4562	.4929		-.4036	-.4456
251.740	.4220	.4313	.4780			
255.280		.3093	.2589	-.4568	-.4115	
323.510				-.6880	-.6885	-.9616
327.050			-.3353	-.7029	-.9065	-.9258
330.590			-.3298	-.6730	-.8950	-.8689
334.130	-.1941	-.2675	-.3605	.0000	-.9123	-.6826
337.670	-.1988	-.2756	-.3634		-.9060	-.5866
341.810	-.2151	-.2802	-.3919	.0000		
344.790		-.3047	-.3944	-.6772		

ARC11-716 1A14 CX+T12+S12M25+AT1O ET ATTACH PTS.   (RB1231)

ALPHAO(1) = -10.150   BETAO(9) =   5.250

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4090	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8350	.9180
PHI															
182.840				.3048	.2697	.1842	.0514								
186.380				.3211	.2560	.1350	-.0053								
189.920			.3870	.3532	.2254	.0094	-.0448								
193.460		.4249	.4531	.4098	.1191	-.0255	-.0041								
197.000	.4090	.4628	.5324	.0000	.0000	.1812	-.0369								
200.540		.4489	.5561	.5603	-.0844	-.1384	-.0904								
204.080			.5073		-.1277	-.0891	-.0652								
207.620				.3829	-.0405	-.0288	-.0146								
222.840												.0559	.0419	.0349	
226.380											.1313	.0731	.0325	.0385	
229.920									.1948	.2052	.2071	.0549	-.0348	.0499	
233.460								.1379	.2077	.2915	.3438	-.0323	.0000	-.2119	
237.000									.1903	.3405	.4284	.0000	-.5158		
240.540										.2943	.0000	.0000	-.3961	-.3939	
244.080										.1943	.1539	-.2274			.4408
248.290															-.1798
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.4966	-.5593	-.5971	-.4371
237.580		.5036	.5443	-.6139	-.4973	-.4326
241.120		.5102	.5510	-.5588	-.4427	-.4509
244.660	.4656	.5193	.5570		-.4639	-.5031
248.200	.4703	.4967	.5235		-.4652	-.5381
251.740	.4809	.4456	.3171			
255.280			.4412	-.4944		
323.910			-.6728	-.8835	-1.0220	
327.050		-.3164	-.6912	-.9052	-.9903	
330.590		-.3103	-.6652	-.8907	-.9269	
334.130	-.1863	-.3562	.0000	-.9075	-.7410	
337.670	-.1843	-.3721	.0000	-.9157	-.5880	
341.210	-.2090	-.3943				
344.750		-.2963	-.3846	-.6715		

DATE 07 JAN 73   TABULATED PRESS RE DATA - DATA - VOL. 11

AROI1-726 DATA 2A+T12+S12+.25+AT10 ET ATTACH PTS.

(RB12S1)

ALPHA0 10 = -10.120   BETA0 10 =   0.000

SECTION AT ET ATTACH POINTS

TERMINAL VARIABLE CO...

PHI

PHI	.5910	.5970	.4620	.4550	.4450	.4350	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
192.840			.2941	.2623	.1904		.0148								
100.300			.3111	.2539	.1539		.0494								
100.920			.3403	.2286	.0674		.0432								
193.480		.3748	.3986	.1253	.0674		.0595								
197.000	.4143	.4356	.0000	.0000	-.0753		.0712								
200.540	.4658	.5119	.5579	.0010	-.0550		.0149								
204.080	.4415	.5240	.2836	-.0415	-.0039		.0256								
207.620		.3726	.3936	.0292	.0518		.0769								
222.840											.1584	.0661	.0498	.0431	
226.380											.2462	.0850	.0300	.0431	
229.920										.2485	.3962	.0571	-.0571	.0797	
233.480									.2331	.3497	.4899	-.0242	.0000	-.2100	
237.000								.1642	.2473	.3975	.0000				
240.540									.2244	.3443		.0000	-.5348		
244.080										.2371	.1927	-.2191	-.3746	-.3751	
248.290															.4913
337.672															-.1785

PHI

PHI	.9210	.9270	.9320	.6300	.9430	.9480
234.040				-.6049	-.6669	-.4053
237.580		.5768	.5935	-.6334	-.5614	-.4808
241.120		.5805	.6206	-.5192	-.4802	-.4853
244.660	.5235	.5735	.6149	-.4777	-.5341
248.200	.5264	.5381	.5977	-.5055	-.5696
251.740	.5336	.4901	.5496		
255.280			.3650	-.4285	-.5966
325.510			.3630	-.6605	-.8825	-1.0510
327.050		-.3004		-.6806	-.9041	-1.0100
330.590	-.2521	-.2971		-.6599	-.8903	-.9417
334.130	-.1822	-.2616	-.3457	.0000	-.9036	-.7451
337.670	-.1802	-.2778	-.3583		-.9138	-.5784
341.610	-.2035	-.2906	-.3740	.0000	
344.750	-.2933	-.2953	-.3775	-.6684	

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(1) = -10.130   BETAO (11) = 8.780

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
PHI														
182.040				.2891	.2663	.2086	.1112								
186.380				.3125	.2668	.1828	.0969								
189.920			.3735	.3522	.2555	.1258	.1039								
193.480		.4127		.4236	.1788	.1586	.1240								
197.000	.3878	.4384	.4771	.0000	.0000	.0539	.1950								
200.540		.3970	.4596	.4808	.0652	.0306	.1232								
204.080			.4039	.3216	.0472	.0843	.1114								
207.620				.3591	.1231	.1242	.1543								
222.840											.1717	.0733	.0569	.0601	
226.380											.2610	.0963	.0446	.0498	
229.920											.4094	.0644	-.0436	.0908	
233.460										.2653	.5002	-.0588	.0000	-.1904	
237.000								.1765	.2497	.3647					
240.540									.2641	.4147	.0000	.0000	-.4751		
244.080									.2408	.3600	.2056	-.2069	-.3487	-.3499	
248.200										.2485					.5129
337.670															-.1894

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.7097	-.8949	-.7194
237.580		.5924	.5998	-.6817	-.8718	-.6155
241.120		.6049	.6434	-.5095	-.8348	-.6987
244.660	.5475	.6035	.6387		-.8490	-.8458
248.200	.5576	.5776	.6419		-.8716	-.8616
251.740	.5672	.5361	.5914			
255.280			.3832	-.4555	-.9940	
323.510				-.6593	-.8936	-1.0240
327.050		-.2530	-.2853	-.6755	-.9086	-.9787
330.590		-.2604	-.2841	-.6514	-.8914	-.8694
334.130	-.1829	-.2530	-.3337	.0000	-.9031	-.6273
337.670	-.1916	-.2604	-.3506		-.9136	-.5247
341.810	-.2029	-.2931	-.3712	.0000		
344.750		-.2961	-.3724	-.6631		

ABC.1-716 IA14 C1+T12+S12:N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHA0(2) = 6.110   BETAO (1) = -8.550

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3358	.3169	.2392	.0773								
186.380				.3710	.3484	.2217	-.0709								
189.920			.3993	.4458	.3831	.0428	-.4559								
193.460		.3656	.4867	.5511	.3504	-.6678	-.4779								
197.000	.2447	.4305	.5628	.0000	.0000	-.7547	-.2942								
200.540		.3673	.5395	.5967	-.6152	-.6304	-.1270								
204.080			-.0992	-.1552	-.6345	-.5940	-.5236								
207.620				-.2428	-.5790	-.5827	-.4732								
222.840												-.0580	-.0620	-.0582	
226.380												-.0550	-.0617	-.0522	
229.920											-.0426	-.0840	-.1031	-.0576	
233.460										-.0064	-.0169	-.2537	.0000	.2101	
237.000								-.0123	.0085	.0556	.0466				
240.540									.0277	.1218	.1768				
244.080									.0257	.1218	.0000	.0000	-.4267		
248.200										.0618	.0869	-.1718	-.3295	-.2859	.0284
337.670															-.2032

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5165	-.5904	-.4948
237.580				-.5949	-.5954	-.4833
241.120				-.6793	-.6632	-.4970
244.660	.0743	.1284	.1461		-.5227	-.5261
248.200	.0607	.1197	.1605		-.5741	-.5562
251.740	.0366	.1061	.1463			
255.280		.0557	.1258	-.5241	-.4873	
323.510		-.0611	.0962	-.7096	-.8684	-.6807
327.050			-.1538	-.7122	-.8712	-.7222
330.590		-.3167	-.4132	-.6754	-.8667	-.7352
334.130	-.2368	-.3169	-.3976	.0000	-.8956	-.6899
337.670	-.2561	-.3189	-.4199		-.9130	-.6551
341.810	-.2418	-.3232	-.4181	.0000		
344.750		-.3242	-.4176	-.6938		

ARC11-716 IA14 Q4+TI2+SI2N25+ATIO ET ATTACH PTS.   (RB1251)

ALPHAO(2) = -8.120   BETAO (2) = -6.640

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.840				.3370	.3164	.2249	.0511								
186.380				.3690	.3395	.1997	-.1021								
189.920			.3991	.4370	.3633	.0094	-.4766								
193.460		.3616	.4728	.5395	.3195	-.6738	-.3965								
197.000	.2323	.4144	.5574	.0000	.0000	-.7718	-.2617								
200.540		.3551	.5296	.5768	-.6090	-.5977	-.4265								
204.080				-.1540	-.6072	-.5824	-.5508								
207.620			-.1103	-.2903	-.5596	-.5731	-.4755								
222.840											-.0291	-.0448	-.0478	-.0491	
226.380											.0026	-.0403	-.0481	-.0503	
229.920									.0177	.0056	.0758	-.0612	-.0845	-.0496	
233.460									.0346	.0614	.1811	-.2091	.0000	-.1938	
237.000								-.0004	.0329	.1162					
240.540										.1013	.0000	.0000	-.3900		
244.080										.0467	.0522	-.1690	-.2955	-.2620	.0540
248.200															-.2055
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5304	-.5867	-.4774
237.580			.1333	-.6081	-.4789	-.4717
241.120		.1507	.1703	-.7199	-.4512	-.4764
244.660	.0990	.1686	.1855	.0000	-.4706	-.4944
248.200	.0953	.1541	.1733		-.5200	-.5336
251.740	.0784	.1014	.1345			
255.280		-.0915	-.0878	-.5386	-.4894	-.6881
323.510				-.7197	-.8779	-.7301
327.050			-.4117	-.7234	-.8829	-.7149
330.590		-.3222	-.4001	-.6671	-.8814	
334.130	-.2405	-.3230	-.4260	.0000	-.9013	-.6467
337.670	-.2387	-.3247	-.4226		-.9031	-.6290
341.210	-.2451	-.3280	-.4223	.0000		
344.750		-.3240	-.4258	-.6876		

DATE 27 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1*TI2+SI2*2S+AT1O ET ATTACH PTS.   (R81231)

ALPHA0(2) = -8.120   BETA0 (3) = -4.940

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3427	.3164	.2183	.0343								
186.380				.3694	.3348	.1858	-.1234								
189.920			.3976	.4355	.3536	-.0133	-.4821								
193.460		.3647	.4763	.5370	.3052	-.6661	-.3216								
197.000		.4140	.5533	.0000	.0000	-.7530	-.2475								
200.540	.2372	.3622	.5294	.5746	-.5601	-.5454	-.4215								
204.080		-.0861	-.0392	-.5557	-.5361	-.5165									
207.620			.3449	-.5523	-.5197	-.4702				-.0063	-.0276	-.0305	-.0333		
222.840										.0299	-.0204	-.0325	-.0315		
226.380										.1193	-.0412	-.0732	-.039*		
229.920									.0276	.2214	-.1866	.0000	-.1953		
233.460								.0395	.0930						
237.000								.0551	.1418	.0090	.0020	-.3900			
240.540								.0409	.1200	.0539	-.1733	-.2872	-.2560		
244.080									.0591						.0754
248.200								.0202							
337.670															-.2033

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5564	-.5788	-.4625
237.580				-.6144	-.4671	-.4568
241.120		.1519	.1772	-.7249	-.4385	-.4618
244.660	.1119	.1703	.1953		-.4547	-.4939
248.200	.1095	.1665	.2020		-.5000	-.5184
251.740	.1038	.1238	.1770			
255.280		.0273	-.0616	-.5450	-.4790	
323.510				-.7134	-.8783	-.7250
327.050			-.4063	-.7296	-.8853	-.7220
330.590		-.3180	-.3948	-.6675	-.8783	-.7135
334.130	-.2345	-.3182	-.4211	.0000	-.8995	-.6148
337.670	-.2357	-.3255	-.4214		-.9000	-.5874
341.210	-.2420	-.3290	-.4214	.0000		
344.750		-.3240	-.4194	-.6833		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OL+T12+S12N25+AT10 ET ATTACM PTS.   (R81231)

ALPHAO(2) = -8.130   BETAO(4) = -3.270

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.040				.3445	.3142	.2099	.0141								
186.380				.3690	.3266	.1659	-.1490								
189.920			.4070	.4276	.3371	-.0428	-.4943								
193.460		.3805	.4744	.5208	.2764	-.6625	-.2705								
197.000	.2084	.4303	.5463	.0000	.0000	-.7083	-.2410								
200.540		.3867	.5196	.5766	.5160	.5000	-.3964								
204.080			-.0160	.0975	-.5076	-.4901	-.4781								
207.620				.3906	-.4941	-.4638	-.4232				.0103	-.0111	-.0163	-.0101	
222.840											.0485	-.0053	-.0183	-.0188	
226.380										.0527		-.0242	-.0561	-.0252	
229.920									.0612	.1198	.1471	-.1606	.0000	.2062	
233.460								.0386	.0813	.1707	.2501				
237.000									.0753	.1493	.0000	.0000	-.3913		
240.540										.0840	.0689	-.1787	-.2932	-.2662	
244.080															.1100
248.200															-.2034
337.670															

x/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5596	-.5827	-.4594
237.580		.1970	.1950	-.6344	-.4806	-.4609
241.120		.2035	.2268	-.6913	-.4450	-.4721
244.660	.1507	.2077	.2288		-.4736	.5078
248.200	.1504	.1709	.2375		-.5197	-.5523
251.740	.1502	.0982	.2111	-.5603		
255.280			-.0175	-.7115	-.4706	
323.510				-.7209	-.8814	-.7456
327.050		-.3984	-.8892	-.7608		
330.590		-.3063	-.3896	-.6875	-.8827	-.7293
334.130	-.2342	-.3133	-.4167	.0000	-.9021	-.6344
337.670	-.2359	-.3191	-.4176		-.8942	-.5855
341.210	-.2398	-.3249	-.4184	.0000		
344.750	-.3259	-.4214	-.6918			

DATE 27 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 C1+T12+S12+S25+AT10 ET ATTACH PTS.   (R81231)

ALPHA(2) = -8.130   BETAO (5) = -1.800

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3376	.3028	.1933	-.0043								
186.300				.3594	.3043	.1409	-.1649								
189.920			.4025		.2961	-.0755	-.4292								
193.460		.3921	.4680	.4769	.2145	-.5021	-.2287								
197.000	.3150	.4397	.5330	.0000	.0000	-.5242	-.2246								
200.540		.4033	.5451	.5694	-.4279	-.4569	-.3724								
204.080			.1122	.1250	-.4537	-.4208	-.4147								
217.620				.3755	-.4328	-.3791	-.3459								
222.840											.0559	.0224	.0141	.0119	
226.380											.1110	.0274	.0141	.0091	
229.920										.1061	.2307	.0128	-.0364	.0106	
203.480									.1113	.1857	.3240	-.1180	.0000	-.1997	
237.000								.0810	.1294	.2421	.0000	.0000	-.4275		
240.540									.1197	.2019	.0994	-.1919	-.3225	-.3047	
244.080										.1247					
248.200														.1972	
337.670														-.1964	

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5894	-.5829	-.4556
237.560			.2735	-.6248	-.4753	-.4549
241.120		.2785	.3115	-.6567	-.4419	-.4619
244.660	.2329	.2847	.3167		-.4654	-.4986
248.200	.2333	.2824	.3135		-.5020	-.5398
251.740	.2259	.2494	.2891			
255.280		.1830	.0594	-.5249	-.4599	
323.510				-.7085	-.8872	-.8070
327.090			-.3079	-.7177	-.8939	-.7868
330.990		-.3022	-.3775	-.6851	-.8849	-.7631
334.130	-.2234	-.3040	-.4106	.0000	-.9014	-.6422
337.670	-.2279	-.3138	-.4096		-.8949	-.5803
341.210	-.2354	-.3181	-.4115	.0000		
344.750	-.3191		-.4118	-.6848		

ARC11-716 IA14 α+TI2+S12N25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(2) = -8.130   BETAO (6) = .010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.3227	.2848	.1741	-.0141								
186.300				.3372	.2754	.1114	-.1624								
189.920			.3917	.3733	.2517	-.1037	-.3398								
193.480		.4065	.4549	.4343	.1425	-.3967	-.1867								
197.000	.3400	.4574	.3486	.0000	.0000	-.4632	-.1995								
200.540		.4322	.5899	.6196	-.3832	-.4171	-.3420								
204.080			.193.	.1796	-.4142	-.3668	-.3530								
207.620				.4113	-.3847	-.3025	-.2798								
222.840											.1023	.0491	.0367	.0323	
226.380											.1770	.0634	.0379	.0306	
229.925										.1627	.3100	.0607	-.0167	.0469	
233.480									.1528	.2479	.3667	-.0398	.0000	-.1781	
237.000								.1052	.1627	.2848					
240.540									.1460	.2335	.0000	.0000	-.5004		
244.080										.1444	.1048	-.2307	-.3625	-.3631	
248.240															
337.670															.2617 / -.1886

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5931	-.5264	-.4006
237.580		.3493	.3619	-.6371	-.4388	-.4019
241.120			.3826	-.6643	-.3755	-.3869
244.680	.2970	.3490	.3697		-.3697	-.3901
248.200	.2919	.3375	.3687		-.3750	-.4036
251.740	.2877	.3021	.3205			
255.280		.2464	.1135	-.4458	-.3797	
323.510				-.7318	-.8892	-.7860
327.050			-.3743	-.7138	-.2015	-.7576
330.590	-.2952		-.3660	-.6792	-.8890	-.7225
334.130	-.2121	-.3000	-.3993	.0000	-.9017	-.6287
337.670	-.2158	-.3084	-.3998		.8682	-.5802
341.210	-.2314	-.3182	-.4063	.0000		
344.750		-.3170	-.4100	-.6753		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(2) = -0.120   BETAO (7) = 1.700

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.9180
PHI															
182.840				.3040	.2654	.1563	-.0145								
186.380				.3214	.2523	.0953	-.1298								
189.920			.3901	.3587	.2240	-.1010	-.2473								
193.460		.4143	.4526	.4137	.1153	-.2695	-.1504								
197.000	.3698	.4657	.5418	.0000	.0000	-.3978	-.1862								
200.540			.5910	.6203	-.2921	-.3469	-.2917								
204.080		.4412	.2286	.1788	-.3422	-.2851	-.2736								
207.620				.4157	-.2742	-.2019	-.2044								
222.840										.1881	.1351	.0748	.0624	.0555	
226.380										.2639	.2077	.0955	.0612	.0543	
229.920									.1723	.2980	.3389	.0829	-.0035	.0714	
233.460								.1203	.1772	.2369	.3767	-.0013	.0000	-.1576	
237.000									.1530	.1458	.0000	.0000	-.5346	-.3756	
240.540											.1032	-.2408	-.4123		
244.080															.3189
248.200															-.1790

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040				-.5060	-.4369	-.3931
237.580			.4298	-.5921	-.3641	-.3299
241.120			.4332	-.5669	-.3147	-.3169
244.660	.3547	.4055	.4228		-.3097	-.3179
248.200	.3493	.3971	.4193		-.2985	-.3137
251.740	.3448	.3629	.3631			
255.280		.3489	.1752	-.3960	-.3104	
323.510		.2994		-.6983	-.8097	-.8534
327.050			-.3316	-.7067	-.9059	-.8168
330.590		-.2782	-.3438	-.6754	-.8954	-.7583
334.130	-.2002	-.2870	-.3607	.0000	-.9124	-.6406
337.670	-.2061	-.2971	-.3678	.0000	-.8979	-.5579
341.810	-.2222	-.3081	-.3977	.0000		
344.790		-.3060	-.3995	-.6724		

ARC11-716 1A14 CL+T12+S12M23+ATIO ET ATTACH PTS.   (R81231)

ALPHAO(2) = -0.110   BETAO (8) =   3.340

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

RN1

X/LT	.3910	.3970	.4020	.4090	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
102.040				.3037	.2642	.1632	.0044								
106.380				.3225	.2556	.1034	-.0805								
109.920			.3913	.3597	.2265	-.0717	-.1663								
193.460		.4217	.46	.4276	.215	-.1707	-.1064								
197.000	.3942	.4765	.5562	.0000	.0000	-.3182	-.1719								
200.540		.4459	.5678	.6175	-.1912	-.2359	-.2200								
204.080			.2649	.1732	-.2517	-.2019	-.1938								
207.620				.3940	-.1556	-.1280	-.1229								
222.840											.1394	.0788	.0669	.0662	
226.380											.2112	.0976	.0667	.0657	
229.920											.3351	.0902	.0101	.0783	
233.460									.1761	.1972	.3777	-.0026	.0000	-.1390	
237.000								.1293	.1853	.2695					
240.540										.2980	.0000	.0000	-.4676		
244.080									.1662	.2489	.1236	-.2070	-.3596	-.3306	
248.200										.1603					.3623
337.670															-.1707

RN1

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.6714	-.7957	-.6138
237.580			.4747	-.6903	-.6885	-.5768
241.120		.4455	.4841	-.5681	-.6388	-.6277
244.660	.3942	.4396	.4750		-.7231	-.7226
248.200	.3875	.4334	.4685		-.7422	-.7410
251.740	.3885	.3998	.4221			
255.280		.3512	.2064	-.5417	-.6462	
323.510				-.6918	-.8968	-.8876
327.050			-.3409	-.7042	-.9117	-.8582
330.590		-.2697	-.3359	-.6748	-.8987	-.7761
334.130		-.2803	-.3723	.0000	-.9150	-.6243
337.670		-.2910	-.3600	.0000	-.8385	-.5470
341.810	-.1939	-.2998	-.3862	.0000		
344.750	-.2123	-.3014	-.3914	-.6746		

ALPHA(20) = -8.090   BETA (9) = 4.950   (RB1231)

ARC11-716 IA14 04+T12+S12N25+AT10 ET ATTACH PTS.

SECTION INLET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8290	.8340	.8390	.9160
PHI															
182.840				.2963	.2611	.1786	.0425								
186.380				.3094	.2466	.1282	-.0154								
189.920			.3723	.3389	.2198	.0034	-.0530								
193.460		.4092	.4321	.3907	.1068	-.0316	-.0107								
197.000	.3910	.4572	.5124	.0000	.0000	-.1875	-.0422								
200.540		.4297	.5372	.5532	-.0984	-.1575	-.0939								
204.080			.2970	.2096	-.1400	-.1015	-.0755								
217.620				.3623	-.0536	-.0454	-.0291								
222.840											.1510	.0882	.0763	.0719	
226.380											.2249	.1038	.0739	.0697	
229.920									.2128	.2229	.3537	.0830	.0037	.0812	
233.460								.2256	.3093	.3533	.4392	-.0421	.0000	-.1572	
237.000							.1564	.2048	.3533	.3598	.0000	.0000			
240.540											.0000	-.4284			
244.080										.2130	.1762	-.1755	-.3203	-.3133	
246.200															.4248
337.670															-.1721

X/L	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6456	-.7985	-.6078
237.580		.5194	.5386	-.6619	-.7583	-.5439
241.120		.5140	.5633	-.5280	-.6859	-.6063
244.660	.4627	.4987	.5455		-.7335	-.7283
248.200	.4578	.4649	.5272		-.7615	-.7635
251.740	.4551	.3150	.4732			
255.280			.2678	-.5015	-.7502	
323.510				-.6795	-.8868	-.9450
327.050		-.2592	-.3280	-.6983	-.9089	-.8699
330.590		-.2657	-.3190	-.6710	-.8933	-.7981
334.130	-.1991	-.2794	-.3597	.0000	-.9069	-.6221
337.670	-.1935	-.2794	-.3723		-.8935	-.5350
341.210	-.2029	-.2886	-.3907	.0000		
344.750		-.2943	-.3622	-.6695		

ARC11-716 1A14 α+T.2+512M25+AT10 ET ATTACH PTS.   (R81251)

ALPHAO(2) = -0.080   BETAO (10) = 6.790

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.2802	.2510	.1797	.0697								
186.380				.2950	.2411	.1432	.0384								
189.920			.3606	.3241	.2152	.0567	.0256								
193.460		.3932	.4154	.3759	.1136	.0579	.0470								
197.000	.3856	.4426	.4853	.0000	.0000	-.0852	.0994								
200.540			.5013	.5246	-.0139	-.0695	.0044								
204.080		.4184	.3527	.2579	-.0591	-.C.98	.0118								
207.620				.3508	.0184	.0386	.0593								
222.040											.1748	.0942	.0450	.0003	
226.380											.2563	.1146	.0818	.0781	
229.920											.3980	.0888	-.0072	.1033	
233.460										.2575	.3512	-.0368	.0000	-.1585	
237.000								.1777	.2444	.3963	.4305	.0000			
240.540									.2570	.3395	.0000	.0000	-.4299		
244.080									.2318	.2357	.1953	-.1802	-.3113	-.3115	
248.230															.4716
337.570															-.1014

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6507	-.8392	-.6657
237.580			.6127	-.6465	-.8230	-.5380
241.120		.5680	.0065	-.4913	-.7735	-.6200
244.660	.5052	.5569	.5873	-.7653	-.7669	
248.200	.4978	.5381	.5589	-.7874	-.7898	
251.740	.5001	.5008	.5112			
255.280		.4449	.3127	-.4938	-.8801	
323.510				-.6779	-.8935	-1.0180
327.050			-.3184	-.6960	-.9167	-.9634
330.590	-.1814	-.2890	-.3109	-.8751	-.9018	-.8532
334.130	-.1982	-.2650	-.3563	.0000	-.9152	-.6597
337.670	-.8092	-.2844	-.3803	.0000	-.9112	-.5442
341.210		-.2939	-.3822	.0000		
344.790	-.2956	-.3017	-.3713	-.6713		

ALPHAO(2)= -6.090   BETAO (11) = 8.570

ARC11-716 1A14 G+T12+S12+D25+RATIO ET ATTACH PTS.   (RB1231)

SECTION : 1 ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3910	.3970	.4020	.4060	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.040															
186.380				.2771	.2543	.1940	.1011								
189.920				.2993	.2540	.1700	.0861								
193.480			.3526	.3325	.2450	.1113	.0903								
197.000		.3031	.4005	.3970	.1691	.1355	.1058								
200.540	.3479	.4141	.4533	.0000	.0000	.0394	.1734								
204.080		.3797	.4392	.4577	.0482	.0128	.1014								
207.620			.3912	.3121	.0225	.0644	.0932								
222.840				.3404	.0903	.1026	.1369								
226.380									.2325	.2666	.1653	.1051	.0930	.0957	
229.920									.2656	.3565	.2618	.1228	.0636	.0861	
233.460									.2433	.3978	.4013	.1033	.0095	.1112	
237.000								.1891		.3483	.4860	-.0298	.0000	-.1391	
240.540										.2488	.0000	.0000	.0000		
244.080											.2118	-.1495	-.4008	-.2841	
248.200													-.2855		.5110
337.670															-.1905

X/C	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.6228	-.6728	-.8578	-.6879
237.580			.6348	-.6590	-.8408	-.5619
241.120		.5887	.6239	-.4984	-.7901	-.6433
244.660	.5413	.5907	.6165		-.7881	.0010
248.200	.5420	.5843	.5786		-.7975	-.8116
251.740	.5502	.5555	.3679			
255.280		.5173		-.4579	-.9542	
323.510				-.6682	-.8953	-1.0310
327.050		-.2649	-.3040	-.6870	-.9173	-.9850
330.590		-.2729	-.3023	-.6608	-.9036	-.8762
334.130	-.1940	-.2999	-.3523	.0000	-.9135	-.6692
337.670	-.2028	-.2990	-.3677		-.9242	-.5365
341.210	-.8163	-.3042	-.3424	.0000		
344.750		-.3043	-.3829	-.6721		

ARC11-716 IA14 CL+TIE+SIGMES+ATIO ET ATTACH PTS. (RB1231)

ALPHA0(3) = -6.100 BETA0 (1) = -8.140

SECTION (IIET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3010	.3970	.4020	.4060	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6160
PHI
182.260				.3275	.3116	.2298	.0690
186.360				.3622	.3416	.2118	-.0785
189.980			.3894	.4345	.3721	.0330	-.4626
193.460		.3542	.4713	.5337	.3363	-.6708	-.4631
197.000	.2341	.4112	.5428	.0000	.0000	-.7733	-.2879
200.540		.3693	.5166	.5693	-.6244	-.6330	-.4071
204.080			-.1194	-.1905	-.6441	-.5979	-.5435
207.620				.2375	-.5813	-.5906	-.4845
222.843											-.0150	-.0299	-.0301	-.0301
226.380											.0105	-.0249	-.0323	-.0328
226.920										.0147	.0791	-.0487	-.0705	-.0281
229.920										.0738	-.2103	-.2103	.0000	-.1917
233.460									.0308	.1459	.2025
237.000								.0148	.0528	.1491	.0000	.0000	.0000	.0000
240.540									.0528	.0823	.1085	-.1438	-.3788	-.2501
244.080													-.2917		.0618
248.290															-.1909
337.670

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.5102	-.5900	-.4839
237.580			.1729	.5818	-.5129	-.4677
241.120		.1571	.1683	67.6	-.4674	-.4832
244.660	.1044	.1568	.1799	-.5094	-.5094	-.5353
248.200	.0925	.1412	.1652	-.5666	-.5666	-.5495
251.740	.0760	.0938	.1377
255.280	-.0234	-.1233	-.5135	-.4633
323.510				-.7027	-.6903	-.6188
327.050		-.3067	-.4020	-.6990	-.8528	-.6607
330.590		-.3100	-.7380	-.6668	-.6601	-.6958
334.130	-.2254	-.3135	-.1103	.0000	.8950	-.6387
337.670	-.2264	-.3608	-4.434	.0000	.8950	-.5215
341.210	-.2337	-.3197	-.4116	.0000
344.750			-.4122	-.6980

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ARC11-715 IA14 OA+T12+S12N25+AT1U ET ATTACH PTS.   (RB1251)

ALPHA0(3) = -6.110   BETAO (2) = -6.480

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.640				.3502	.3088	.2207	.0491								
186.380				.3604	.3331	.1963	-.1032								
189.920			.3862	.4249	.3562	.0089	-.4729								
193.460		.3480	.4606	.5238	.3122	-.6614	-.3794								
197.000	.2258	.3969	.5320	.0000	.0000	-.7782	-.2602								
200.540			.5905	.5424	-.6085	-.5923	-.3853								
204.080		.3341	-.1174	-.1419	-.6063	-.5832	-.5408								
207.620				.2726	-.5872	-.5813	-.4895								
222.840											-.0003	-.0155	-.0173	-.0170	
226.380											.0256	-.0110	-.3182	-.0197	
229.920										.0239	.0929	-.0224	-.0492	-.0212	
233.460									.0375	.0758	.1879	-.1447	.0000	-.1515	
237.000								.0246	.0526	.1238	.0000	.0000	-.3985		
240.540									.0496	.1152	.0704	-.1388	-.2527		
244.080										.0639					.0002
248.200															-.1954
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5180	-.5647	-.4598
237.580				-.5966	-.4644	-.4534
241.120		.1735	.1968	-.7123	-.4360	-.4616
244.660	.1206	.1888	.2092		-.4357	-.4790
248.200	.1187	.1765	.2032		.4957	-.5123
251.740	.1017	.1244	.1700			
255.280		.0205	-.0691	-.5270	-.4623	
323.510				-.7121	-.8622	-.6171
327.050			-.4036	-.7098	-.8687	-.6490
330.590		-.3109	-.3916	-.6768	-.8667	-.6559
334.130	-.2275	-.3107	-.4151	.0000	-.8904	-.6116
337.670	-.2278	-.3146	-.4129		-.8981	-.5974
341.210	-.2352	-.3194	-.4129	.0000		
344.750		-.3161	-.4110	-.6870		

ARC11-716 IA14 Q4*T12*S12N25*AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(3) = -6.190   BETAO (3) = -4.820

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3301	.3066	.2093	.0279								
186.360				.3597	.3242	.1767	.1270								
189.920			.3847	.4197	.3416	-.0197	-.4807								
193.460		.3489	.4555	.5190	.2893	-.6651	-.3003								
197.000	.2330	.3922	.5238	.0000	.0000	-.7649	-.2392								
200.540		.3398	.4868	.5289	-.5642	-.5401	-.3889								
204.080			-.0937	-.0122	-.5546	-.5327	-.5057								
207.620				.3066	-.5457	-.5234	-.4679								
222.840											.0163	-.0033	-.0053	-.0090	
226.380										.0476	.0493	.0042	-.0043	-.0056	
229.920									.0561	.1074	.1332	-.0102	-.0384	-.0073	
233.460								.0377	.0742	.1548	.2286	-.1274	.0000	-.1555	
237.000									.0670	.1287	.0000	.0000	-.3485		
240.540										.0704	.0592	-.1494	-.2535	-.2249	
244.080															.0937
337.670															-.1982

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5485	-.5684	-.4479
237.580			.1705	-.6033	-.4547	-.4421
241.120		.1683	.1966	-.7081	-.4291	-.4476
244.660	.1285	.1857	.2160		-.4632	-.4788
248.200	.190	.1864	.2247		-.4821	-.5081
251.740	.11>8	.1421	.1966		-.4671	
255.280		.0506	-.0447	-.5358	-.4671	
323.510				-.7144	-.8778	-.6996
327.050			-.4043	-.7182	-.8828	-.6804
330.590			-.3920	-.6836	-.8780	-.6680
334.130	-.2311	-.3121	-.4169	.0000	-.8965	-.5817
337.870	-.2294	-.3147	-.4185	.0000	-.8800	-.5552
341.210	-.2305	-.3217	-.4182	.0000		-.5636
344.750		-.3200	-.3245	-.4167		-.5636

ARC11-716 IA14 C1+T12+S12+N2S+AT1G ET ATTACH P'S.   (RB1231)

ALPHA0(5) = -6.140   BETA0 (4) = -3.220

SECTION ( )JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.3304	.2988	.2013	.0108								
186.360				.3522	.3100	.1605	-.1480								
189.920			.3840	.4035	.3153	-.0460	-.4736								
193.460		.3578		.4487	.2478	.6093	-.2435								
197.000	.2604	.3962	.5053	.0000	.0000	-.6243	-.2243								
200.540		.3493	.4839	.5229	-.4944	-.4884	-.3569								
204.080			-.0211	.0428	-.5038	-.4765	-.4618								
207.620				.3272	-.4742	-.4524	-.4083								
222.840												.0132	.0107	.0067	
226.380												.0194	.0100	.0090	
229.920											.0366	.0075	-.0242	.0034	
233.460										.0786	.0748	-.1142	.0000	-.1724	
237.000									.0846	.1442	.1725				
240.540								.0602	.1010	.1953	.2716	.0000	-.3398		
244.080									.0967	.1660	.0000	.0000			
248.200										.1032	.0808	-.1577	-.2665	-.2458	
337.670														.1425	-.1972

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.5463	-.5634	-.4335
237.580			.2359	-.5837	-.4703	-.4310
241.120		.2207	.2551	-.6545	-.4269	-.4453
244.660	.1724	.2244	.2553		-.4576	-.4770
248.200	.1702	.2217	.2551	.5080		-.5211
251.740	.1638	.1811	.2224			
255.280		.1133	-.0051	-.5293	-.4303	
323.510				-.7096	-.8827	-.7770
327.050			-.3967	-.7183	-.8895	-.7557
330.590		-.3041	-.3061	-.6649	-.8807	-.7109
334.130	-.8250	-.5086	-.4153	.0000	-.3920	-.5894
337.670	-.8286	-.3169	-.4121			
341.210	-.2341	-.3197	-.4131	.0000	-.8670	-.5466
344.750		-.3199	-.4154	-.6676		

DATE 07 JAN 73   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O4+T12+312M25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(3) = -6.030   BETAO (5) = -1.620

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3212	.2939	.1883	-.0018								
186.380				.3416	.2914	.1359	-.1587								
189.920			.3807	.3805	.2815	-.0768	-.4118								
193.460		.3713	.4372	.4482	.1917	-.4795	-.2134								
197.000	.2977	.4144	.9021	.0000	.0000	-.5102	-.2065								
200.540		.3817	.5194	.5380	-.4292	-.4591	-.3471								
204.080				.1215	-.4569	-.4241	-.4047								
207.620			.1111	.3449	-.4383	-.3778	-.3441								
222.840											.0751	.0452	.0346	.0309	
226.380											.1359	.0551	.0551	.0277	
229.920										.1257	.2600	.0391	-.0111	.0383	
233.460									.1312	.2088	.3437	-.0796	.0000	-.1700	
237.000									.1477	.2571	.0000	.0000	-.4027	-.2043	
240.540								.0948	.1341	.2192	.1131	-.1752	-.2977		
244.080															.8104
245.200															-.1052
337.670															

PHI X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5710	-.5879	-.4380
237.580			.3256	-.6189	-.4792	-.4408
241.120		.3094	.3457	-.6197	-.4125	-.4383
244.660	.2491	.3086	.3360		-.4457	-.4846
248.200	.2439	.2955	.3214		.4815	.5241
251.740	.2355	.2516	.2650			
255.280		.1879	.0677	-.9063	-.4400	-.8401
323.510				-.7012	-.8719	-.8186
327.050	-.2966	-.3792		-.7080	-.8829	-.7698
330.590	-.2991	-.3687		-.6740	-.8749	-.5990
334.130	-.2151	-.3997		.0000	-.8946	-.5460
337.670	-.2163	-.3059	-.4039			
341.210	-.2269	-.3134	-.4059	.0000		
344.750		-.3102	-.4074	-.6728		

DATE 27 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ALPHA(3) = -8.030   BETA(6) = .000   ARC11-716 IA14 O1+T12+S12+R25+A11O ET ATTACH PTS.   (RB1231)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3058	.2681	.1642	-.0158								
186.380				.3181	.2552	.1027	-.1504								
189.920			.3726	.3900	.2293	-.1016	-.3050								
193.460			.4324	.4066	.1206	-.3613	-.1678								
197.000	.3236	.4391	.5237	.0000	.0000	-.4506	-.1876								
200.540			.5568	.5855	-.3633	-.4097	-.3239								
204.080		.4077	.1601	.1353	-.4046	-.3628	-.3412								
207.620				.3826	-.3730	-.2945	-.2790								
222.840												.0757	.0646	.0585	
226.380											.1286	.0955	.0654	.0614	
229.925										.1809	.1963	.0888	.0165	.0751	
233.460									.1702	.2621	.3292	.0088	.0000	-.1394	
237.000								.1206	.1794	.2967	.3757				
240.540									.1599	.2404	.0000	.0000	-.4599		
244.080										.1537	.1126	-.2058	-.3462	-.3237	
248.200															.2760
337.670															-.1791

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5350	-.5184	-.3766
237.580			.4028	-.5941	-.4181	-.3614
241.120		.3808	.4251	-.5708	-.3591	-.3776
244.660	.3209	.3714	.3959	.0000	-.3501	-.3577
248.200	.3125	.3565	.3699		-.3503	-.3793
251.740	.3014	.3166	.3148			
255.280		.2495	.1297	-.4168	-.3614	
323.510				-.6927	-.8696	-.8205
327.050			-.3681	-.7027	-.8810	-.7953
330.990			-.3558	-.6691	-.8701	-.7493
334.130	-.2055	-.2835	-.3864	.0000	-.8858	-.5973
337.670	-.2065	-.2875	-.3933		-.8601	-.5343
341.210	-.2206	-.2962	-.3955	.0000		
344.750		-.3035	-.3972	-.6667		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CL+T12+S12N@5+A110 ET ATTACH PTS.   (RB1231)

ALPHAO(3) = -6.030   BETAO (7) = 1.640

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.0160
PHI															
182.840				.2961	.2559	.1549	-.0161								
186.360				.3140	.2470	.0964	-.1302								
189.920			.3768	.3483	.2196	-.0973	-.2460								
193.480		.3976	.4408	.4064	.1099	-.2713	-.1533								
197.000	.3547	.4548	.5??5	.0000	.0000	-.3911	-.2005								
200.540		.4293	.5762	.6048	-.2745	-.3456	-.2886								
204.080			.2134	.1612	-.3317	-.2833	-.2684								
207.620				.3976	-.2604	-.2061	-.2084								
222.840											.1583	.1022	.0958	.0882	
226.360											.2250	.1241	.0965	.0946	
229.920										.2080	.3487	.1192	.0416	.1041	
233.460										.2801	.3487	.0516	.0000	-.1072	
237.000								.1342	.1947	.3056	.3779	.0000			
240.540									.1674	.2454	.0000	.0000	-.4664		
244.080										.1593	.1150	-.2036	-.3467	-.3169	
248.200														.3220	
337.670														-.1726	

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.4626	-.4921	-.4387	-.3224
237.560		.4288	.4636	-.5497	-.3545	-.3162
241.120		.4219	.4305	-.5358	-.2915	-.3011
244.660	.3622	.3992	.4133		-.2838	-.2944
248.200	.3551	.3633	.3606		-.2836	-.2979
251.740	.3492	.3098	.1802			
255.280				-.3570	-.2934	
323.510				-.6834	-.8703	-.8507
327.090			-.3531	-.6957	-.8832	-.8262
330.590			-.3426	-.6648	-.8723	-.7719
334.130	-.1969	-.2716	-.3760	.0000	-.8881	-.6322
337.670	-.1992	-.2773	-.3624	.0000	-.8812	-.5603
341.210	-.2104	-.2861	-.3854	.0000		
344.750		-.2920	-.3856	-.6621		

DATE 07 JAN 77 TABULATED PRESSURE DATA - 1A14A - VOL 11

ARC11-716 1A14 O1+T12+S12N25+A11G ET ATTACH PTS. (RB1231)

ALPHA0(5) = -6.180 BETA0(8) = 3.330

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2946	.2593	.1635	.0107								
186.380				.3123	.2486	.1097	-.0770								
189.920			.3718	.3431	.2225	-.0470	-.1470								
193.460		.4019	.4376	.4067	.1176	-.1427	-.0809								
197.000	.3637	.4475	.5234	.0000	.0990	-.2821	-.1329								
200.540			.5424	.5597	-.1725	-.2405	-.1951								
204.080		.4120	.2312	.1500	-.2337	-.1885	-.1761								
207.620				.3584	-.1459	-.1253	-.1171								
222.840											.1615	.1156	.1055	.0999	
226.380											.2219	.1299	.1021	.1018	
229.920										.2114	.3338	.1225	.0554	.1051	
233.460								.1518	.2023	.2809	.3881	.0311	.0000	-.0934	
237.000									.2067	.3142	.0000	.0000	-.3656		
240.540									.1870	.2654	.1507	-.1511	-.2870	-.2636	
244.080										.1855					
248.200														.3756	
337.670														-.1712	

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6349	-.7547	-.5790
237.580			.4885	-.6695	-.6844	-.5433
241.120		.4745	.5073	-.5902	-.5976	-.5986
244.660	.4120	.4676	.4984		-.6904	-.7048
248.200	.4139	.4557	.4848		-.7176	-.7232
251.740	.4102	.4128	.4263			
255.280		.3668	.2255	-.5267	-.6008	
323.510				-.6839	-.8776	-.8782
327.090			-.3440	-.6993	-.8923	-.8227
330.390		-.2639	-.3355	-.6668	-.8799	-.7537
334.130	-.1898	-.2711	-.3704	.0000	-.8975	-.6188
337.670	-.1950	-.2846	-.3760			
341.210	-.2060	-.2911	-.3795	.0000		
344.750		-.2956	-.3610	-.6626	-.8871	-.5458

ARC11-716 IA14 CL+T12+S12N25+AT10 ET ATTACH PTS.   (RB1251)

ALPHAO(3) = -6.180   BETAO (9) = 5.010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
PHI															
182.840				.2815	.2509	.1682	.0405								
186.360				.2960	.2371	.1232	-.0143								
189.920			.3345	.3199	.2056	.0032	-.0486								
193.460		.3865	.4063	.3673	.0898	-.0290	-.0059								
197.000	.3990	.4265	.4807	.0000	.0000	-.1841	-.0207								
200.540		.4063	.5081	.5213	-.1063	-.1532	-.0782								
204.080			.2741	.1874	-.1393	-.1041	-.0728								
207.620				.3468	-.0555	-.0439	-.0285								
222.840												.1237	.1097	.1062	
226.380											.1817	.1405	.1055	.1023	
229.920										.2438	.2476	.1227	.0464	.1202	
233.460									.2325	.3308	.3793	.0031	.0000	-.1135	
237.000								.1762	.2468	.3725	.4551	.0000			
240.540									.2266	.3246		.0000	-.3752		
244.080										.2325	.1975	-.1390	-.2684	-.2993	
248.200															
337.670														.4340	-.1717

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6216	-.7872	-.6014
237.590			.5780	-.6426	-.7547	-.5124
241.120		.5381	.5916	-.5015	-.6752	-.5778
244.660	.4765	.5260	.5661		-.7067	-.7144
248.200	.4714	.5072	.5251		-.7381	-.7452
251.740	.4635	.4693	.4702			
255.280		.4159	.2665	-.5032	-.6911	
323.510				-.6873	-.8858	-.9133
327.050			-.3395	-.7012	-.9055	-.8425
336.590			-.3292	-.6727	-.8893	-.7698
334.130	-.1887	-.2662	-.3702	.0000	-.9037	-.6176
337.670	-.1951	-.2854	-.3765		-.8824	-.5334
341.810	-.2087	-.2942	-.3854	.0000		
344.750		-.2953	-.3854	-.6685		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL 11

ARO11-715 IA14 O1+T12+S12+25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(5) = -6.140   BETAO(15) = 6.760

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4180	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.2715	.2451	.1752	.0659								
186.380				.2863	.2371	.1427	.0363								
189.920				.3120	.2120	.0556	.0242								
193.460			.3483	.3621	.1084	.0528	.0474								
197.000		.3742	.3972	.0000	.0000	-.0802	.0583								
200.540	.3621	.4211	.4678	.4937	-.0209	-.0735	.0129								
204.080		.4014	.4789	.2473	-.0522	-.0192	.0116								
207.620			.3364	.3357	.0134	.0297	.0555								
222.840										.2745	.2009	.1390	.1238	.1233	
226.380									.2611	.3629	.2737	.1511	.1157	.1213	
229.920								.1974	.2715	.4011	.4083	.1260	.0459	.1379	
233.460									.2465	.3478	.4821	.0096	.0000	-.0952	
237.000											.0000	.0000			
240.540										.2489	.2118	-.1302	-.3732	-.2514	
244.080															.4726
248.200												-.2592			
337.670															-.1632

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.6227	-.6256	-.7921	-.6432
237.580		.5666	.6075	-.6251	-.7804	-.5153
241.120		.5479	.5770	-.4908	-.7475	-.5801
244.660	.5057	.5291	.5556		-.7383	-.7323
248.200	.5023	.5030	.5226		-.7451	-.7625
251.740	.5010	.4531	.3105	-.4841		
255.280				-.6661	-.8223	
323.510				-.7047	-.8951	-.9869
327.050		-.2696	-.3364	-.6826	-.9188	-.9133
330.590		-.2761	-.3291	-.6826	-.9036	-.8133
334.130	-.1978	-.2899	-.3723	.0000	-.9143	-.6415
337.670	-.2014	-.2997	-.3796		-.9909	-.5377
341.210	-.2141	-.3030	-.3898	.0000		
344.750			-.3890	-.6744		

ARC11-716 IA14 Q4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

A AMAO(3) = -6.140   BETAO (11) = 8.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.2647	.2436	.1635	.0926								
186.380				.2840	.2412	.1610	.0770								
188.920			.3304	.3145	.2264	.0990	.0758								
193.480		.3614	.3820	.3681	.1539	.1078	.0958								
197.000	.3284	.3843	.4280	.0000	.0000	.0219	.1532								
200.540		.3636	.4226	.4282	.0325	.0311	.0916								
204.080			.3618	.3120	.0101	.0519	.0768								
207.620				.3307	.0845	.0857	.1268								
222.840											.2054	.1391	.1304	.1302	
226.380											.2748	.1552	.1208	.1218	
229.920										.2817	.3989	.1320	.0568	.1373	
233.460									.2715	.3654	.3989	-.0044	.0000	-.0933	
237.000								.2152	.2841	.4096	.4950				
240.540									.2658	.3669	.0000	.0000	-.3313		
244.080										.2728	.2419	-.0955	-.2243	-.7141	
248.730															.9101
337.670															-.1948

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.6350	-.8165	-.6409
237.580			.6448	-.6311	-.8328	-.5230
241.120			.6547	-.4798	-.7517	-.5919
244.660		.6065	.6359	-.7490	-.7596	
248.200	.5511	.6023	.6250	-.7604	-.7667	
251.740	.5489	.5912	.5748			
255.280	.5536	.5590	.3617	-.4471	-.8641	
323.510		.5259		-.6621	-.8969	-1.0320
327.050			-.3256	-.7008	-.9213	-.9683
330.590			-.3226	-.6803	-.9083	-.8717
334.130	-.8034		-.3691	.0000	-.5165	-.6744
337.670	-.2108	-.2715	-.3786		-.9178	-.5549
341.210	-.2223	-.2967	-.3696	.0000		
344.750		-.3076	-.3908	-.6751		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 1:

44C11-716 [A14 04+T12-512+C25+A110 ET ATTACH PTS.   (R81231)

ALPHA(4)= -4.170   BETA(1)= -9.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.6180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3127	.3024	.2383	.0940								
186.380				.3516	.3390	.2263	-.0470								
189.920			.3811	.4298	.3765	.0602	-.4278								
193.460		.3473	.4647	.5227	.3499	.6578	-.5486								
197.000	.2323	.4104	.5323	.0000	.0000	-.8084	-.3133								
200.540		.3445	.5069	.5681	-.6703	-.6736	-.3602								
204.080			-.1165	-.1925	-.6800	-.6302	-.5284								
207.620				.2039	-.6203	-.6277	-.5901								
222.840											.0075	-.0090	-.0138	-.0049	
226.380											.0344	-.0053	-.0138	-.0050	
229.920										.0398	.1082	-.0274	-.0497	-.0029	
233.460									.0484	.1021	.2357	-.1709	.0000	-.1893	
237.000								.0204	.0652	.1680	.0000	.0000	-.3811		
240.540									.0566	.1488	.0893	-.1587	-.2792	-.2352	
244.080										.0767					
337.670														.0001	-.1072

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.1685	-.5396	-.6055	-.4952
237.580			.1094	-.6177	-.5359	-.4937
241.120		.1544	.1790	-.6885	-.5285	-.5480
244.660	.1122	.1517	.2059	-.6396	-.6396	-.5904
248.200	.1090	.1493	.2078	-.6896	-.6896	-.5481
251.740	.0923	.1008				
255.280		-.0733	-.1814	-.4619	-.4419	-.6790
323.510				-.6576	-.8112	-.7278
327.050			-.3776	-.6738	-.8380	-.7224
330.590		-.2854	-.3669	-.6569	-.8578	-.6091
334.130	-.2136	-.2956	-.3965	.0000	-.8952	-.6009
337.670	-.2173	-.3010	-.4021	.0000		
341.210	-.2213	-.3077	-.4102		-.9133	
344.750		-.3094	-.4073	-.6911		

ARC11-716 IA14 CL+T12+S12M25+ATIO ET ATTACH PTS.   (RB1251)

ALPAAO(4) = -4.190   BETAO (2) = -7.970

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8190	.8230	.8280	.8340	.8390	.9160
182.840				.3290	.3052	.2257	.0659								
186.390				.3539	.3326	.2075	-.0820								
189.920			.3781	.4232	.3638	.0293	-.4619								
193.480		.3403	.4579	.5189	.3280	-.6659	-.4614								
197.000	.2167	.3944	.3222	.0000	.0000	-.7860	-.2824								
200.540		.3297	.4933	.5424	-.6407	-.6335	-.3787								
204.080			-.1357	-.1953	-.6444	-.6105	-.5556								
207.620				-.2245	-.5902	-.6024	-.5012								
222.640												-.0047	-.0036	-.0081	
226.390											.0106	.0017	-.0036	-.0011	
229.920											.0328	-.0191	-.0382	-.0068	
233.460										.0366	.0960	-.1593	.0000	-.1390	
237.000								.0284	.0497	.0917	.2168				
240.540									.0665	.1496	.0000	.0000	-.3488		
244.080									.0620	.1499	.0980	-.1367	-.2573	-.2180	
248.200										.0870					.0088
337.670															-.1042

PHI	.9210	.9270	.9320	.9360	.9430	.9480
234.040				-.5196	-.5488	-.4756
237.580				-.5889	-.5199	-.4676
241.120				-.6626	-.4923	-.5059
244.660	.1242	.1622	.1812		-.5363	-.5455
248.200	.1155	.1716	.1977		-.6211	-.5491
251.740	.1054	.1642	.1906			
255.280		.1165	.2027			
323.510		-.0248	-.1396	-.5007	-.4542	-.6029
327.050		-.2878	-.3480	-.6778	-.8311	-.6556
330.590		-.2933	-.3727	-.6803	-.8326	-.6609
334.130	-.2139	-.2998	-.3970	-.6539	-.8500	-.5929
337.670	-.2159	-.3048	-.4028	.0000	-.8676	-.5654
341.810	-.2214	-.3048	-.4078	.0000	-.9105	
344.750		-.3095	-.4023	-.6945		

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ARC11-716 IA14 CX+T12+012+25-AT10 ET ATTACH PTS.   (RB1231)

A.MADN(4) = -4.210   BETAD(3) = -5.972

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/CT PHI	.3910	.3975	.4025	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
182.840				.3220	.2985	.2110	.0350								
186.380				.3471	.3184	.1842	-.1182								
189.920			.3750	.4091	.3401	-.0063	-.4751								
193.460		.3365	.4454	.5038	.2936	-.6549	-.3443								
197.000	.2156	.3795	.5083	.0000	.0000	-.7546	-.2526								
200.540		.3158	.4730	.5110	.5892	.5597	-.3792								
204.080			-.1146	-.1238	-.5863	-.5626	-.5272								
217.620				.2609	-.5732	-.5544	-.4923								
222.840											.0239	.0094	.0097	.0100	.0160
226.380											.0513	.0149	.0103	.0090	.0390
229.920										.0507	.1134	.0059	-.0142	.0068	
233.460									.0581	.0967	.1975	-.0088	.0000	-.1064	
237.000								.0459	.0718	.1341	.0000	.0000	-.2967	-.1900	.1034
240.540									.0698	.1249	.0723	-.1121	-.2178		-.1092
244.080										.0793					
248.200															
337.670															

X/CT PHI	.9210	.9275	.9320	.9380	.9430	.9480
234.040	.1303	.1781	.1750	-.5119	-.5669	-.4390
237.580	.1335	.2020	.2121	-.5902	-.4591	-.4345
241.120	.1280	.1980	.2268	-.7011	-.4390	-.4465
244.660	.0902	.1462	.2253	-.4927	-.4871	
248.200			.2589	-.5280	-.5298	
251.740		-.0510		-.5219	-.4427	
255.280				-.7038	-.8630	-.6239
323.510		-.3989		-.7105	-.8655	-.6581
327.050		-.2974	-.5053	-.6742	-.8660	-.6445
330.590	-.2218	-.2974	-.4102	.0000	-.8866	-.5757
334.130	-.2227	-.3029	-.4078	.0000	-.8828	-.5624
337.670	-.2236	-.3079	-.4101			
341.210			-.4081	-.6945		

ARC11-716 IA14 Q1+TI2+S12N2S+ATIO ET ATTACH PTS.   (RB1231)

ALPHAO(4) = -4.190   BETAO (4) = -3.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8250	.8280	.8340	.8580	.9100
PHI															
182.840				.3243	.2896	.2048	.0210								
186.340				.3490	.3114	.1693	-.1323								
186.850			.3718	.3966	.3166	-.0295	-.4612								
193.480		.3401	.4301	.4782	.2551	-.6091	-.2461								
197.000	.2455	.3756	.4836	.0000	.0000	-.6486	-.2167								
200.540		.3257	.4501	.4794	-.5122	-.5022	-.3342								
204.080			-.0560	-.0113	-.5142	-.4912	-.4583								
207.620				.2846	-.4973	-.4517	-.4232								
222.840											.0528	.0325	.0302	.0273	
226.380											.0906	.0389	.0300	.025Y	
229.920										.0408	.1637	.0291	-.0051	.0260	
233.480									.0980	.1524	.2693	-.0778	.0000	-.1313	
237.000								.0743	.1123	.1992	.0000	.0000	-.3299		
240.540									.1012	.1689	.0871	-.1300	-.2331	-.2036	
244.080										.1044					
248.200															.1416
337.670															-.1794

X/LT	.921-	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5286	-.5495	-.4310
237.580		.2247	.2405	-.5937	-.4587	-.4310
241.120		.2242	.2528	-.6516	-.4295	-.4392
244.660	.1754	.2234	.2638		-.4565	-.4741
248.200	.1885	.1785	.2627		-.4838	-.5290
251.740	.1804	.1009	.2602			
255.280			-.0021	-.5360	-.4420	
323.510			-.3802	-.6961	-.8612	-.6932
327.050		-.2861	-.3699	-.6988	-.8679	-.7112
330.590		-.2928	-.3959	-.6655	-.8615	-.6720
334.130	-.2121	-.2878	-.3978	.0000	-.8826	-.5733
337.670	-.2136	-.3008	-.4033	.0000	-.8659	-.5314
341.210	-.2142	-.2665	-.4093	-.6712		
344.750						

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ARC..-715 IA14 C1+T12+512+25+ATIO ET ATTACH PTS.   (RB12511)

ALPHA(4) = -4.180   BETA0 (5) = -1.980

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3133	.2790	.1841	-.0050								
186.380				.3241	.2797	.1333	-.1570								
189.920			.3561	.3574	.2631	-.0698	-.3997								
193.460		.3489	.4103	.4142	.1780	-.4597	-.2096								
197.000	.2772	.3868	.4677	.0000	.0000	-.4874	-.1931								
200.540		.3452	.4900	.5035	-.4359	-.4614	-.3281								
204.080			.0850	.1018	-.4612	-.4331	-.4031								
207.620				.3159	-.4420	-.3906	-.3516				.0912	.0619	.0554	.0564	
222.840										.1442	.1446	.0706	.0554	.0559	
226.380										.2198	.2616	.0627	.0146	.0318	
229.920										.2628	-.0456	-.0456	.0000	-.1446	
233.460								.1088	.1452						
237.000									.1591			.0000	-.3644		
240.540									.1470	.2289					
244.080										.1532	.1180	-.1551	-.2650	-.2571	.2154
248.200															-.1744
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5237	-.5902	-.4300
237.590		.3287	.3458	-.5804	-.5018	-.4188
241.120		.3183	.3654	-.5862	-.4211	-.4273
244.660	.2528	.2940	.3475		-.4423	-.4650
248.200	.2464	.2475	.3118		-.4868	-.5297
251.740	.2355	.1846	.2606			
255.280			.0639	-.4945	-.4315	
323.510				-.6925	-.8673	-.8263
327.090		-.2777	-.3727	-.7081	-.8745	-.7910
330.590		-.2850	-.3626	-.6726	-.8665	-.7229
334.130	-.2052	-.2890	-.3915	.0000	-.8832	-.5642
337.670	-.2065	-.2890	-.3919	.0000	-.8495	-.5202
341.810	-.2097	-.2900	-.3971			
344.750		-.2986	-.3942	-.6721		

ARC11-716 IA14 CX+T12+S12N23+ATIO ET ATTACH PTS.   (RB1231)

ALPHAO(4) = -4.180   BETAO (6) = .030

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.940				.2913	.2520	.1551	-.0208								
186.380				.3022	.2416	.0966	-.1428								
189.920			3522	.3320	.2148	-.0988	-.2862								
193.460		.3007	.4133	.3939	.1050	-.3471	-.1609								
197.000	.3111	.4217	.5027	.0000	.0000	-.4426	-.1807								
200.540		.3878	.5314	.5593	-.3630	-.4054	-.3126								
204.080			.1400	.1118	-.4029	-.3591	-.3403								
207.620				.3634	-.3623	-.2940	-.2824								
222.840											.1455	.0969	.0872	.0798	
226.380											.2172	.1156	.0877	.0840	
229.920										.2006	.3420	.1151	.0406	.0963	
233.460										.2757	.3785	.0464	.0000	-.1054	
237.000								.1337	.1833	.3028	.0000				
240.540									.1878	.2436	.0000	.0000	-.4249		
244.080									.1670	.1591	.1176	-.1827	-.3136	-.2927	
248.200															.2760
337.670															-.1666

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4919	-.4488	-.3360
237.580			.4382	-.5660	-.3707	-.3210
241.120		.4032	.4387	-.5422	-.3233	-.3173
244.660	.3200	.3803	.3997		-.3307	-.3146
248.200	.3110	.3485	.3629		-.3149	-.3115
251.740	.2994	.3087	.3046			
255.260		.2379	.1377	-.3558	-.3265	
323.510				-.6788	-.8575	-.8278
327.050		-.3530		-.6901	-.8694	-.8268
330.590		-.3437		-.6567	-.8607	-.7679
334.130	-.1923	-.2657	-.3732	.0000	-.8791	-.5925
337.670	-.1940	-.2697	-.3801		-.8575	-.5350
341.210	-.2049	-.2802	-.3851	.0000		
344.750		-.2866	-.3853	-.6584		

ARC11-716 1A14 C4+T12+S12N25+A110 ET ATTACH PTS.   (RB1231)

ALPHAO(4) = -4.170   BETAO(4) = 2.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2904	.2531	.1545	-.0108								
186.380				.3086	.2462	.0987	-.1145								
189.920			.3658	.3453	.2206	-.0818	-.2235								
193.460		.3821	.4314	.4069	.1193	-.2321	-.1307								
197.000	.3340	.4358	.5144	.0000	.0000	-.3660	-.1877								
200.540		.3915	.5385	.5683	-.2536	-.3109	-.2619								
204.080			.1880	.1206	-.3085	-.2548	-.2487								
207.620				.3640	.2228	-.1917	-.1954								
222.840											.1811	.1322	.1238	.1233	
226.380											.2447	.1534	.1233	.1310	
229.920										.2228	.3532	.1510	.0831	.1356	
233.460									.2020	.286?	.3767	.0953	.0000	-.0472	
237.000								.1536	.2040	.3068					
240.540									.1830	.2522	.0000	.0000	-.3?53		
244.080										.1753	.1332	-.1502	-.2881	-.2469	
248.200															.3428
337.670															-.1616

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4818	-.4123	-.3096
237.580			.4738	-.5570	-.3364	-.3059
241.120			.4870	-.5439	-.2850	-.2892
244.660	.3813	.4437	.4603		-.2788	-.2822
248.200	.3783	.4343	.4370		-.2795	-.2775
251.740	.3687	.3750	.3831			
255.280		.3261	.1942	-.3394	-.2847	
323.510				-.6782	-.8607	-.8575
327.050			-.3448	-.6887	-.8756	-.8287
330.990			-.3335	-.6561	-.8661	-.8020
334.130	-.1856	-.2991	-.3650	.0000	-.8841	-.6234
337.670	-.1883	-.2634	-.3714		-.8783	-.5588
341.210	-.1937	-.2796	-.3793	.0000		
344.750		-.2601	-.3768	-.6549		

ARC11-716 IA14 O(+T12+S12+S12N23+AT1D ET ATTACH PTS.   (R81231)

ALPHAO(4) = -4.240   BETAO (8) = 4.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2813	.2485	.1622	.0232								
186.380				.2969	.2367	.1112	-.0494								
189.920			.3492	.3250	.2096	-.0205	-.0978								
193.460		.3748	.4026	.3752	.0982	-.0766	-.0396								
197.000	.3445	.4124	.4715	.0000	.0000	-.2312	-.0719								
200.540		.3837	.4863	.5001	-.1501	-.2055	-.1341								
204.080			.2155	.1513	-.1922	-.1485	-.1314								
207.620				.3287	-.101	-.0922	-.0838								
222.840											.1916	.1478	.1389	.1322	
226.380											.2533	.1602	.1322	.1340	
229.920										.2442	.3692	.1446	.0840	.1406	
233.460										.3184	.4455	.0434	.0000	-.0608	
237.000								.1879	.2346	.3530					
240.540									.2442	.3154	.0000	.0000	-.3238	-.2079	
244.080									.2279	.2316	.1990	-.0973	-.2215		
248.200															.4230
337.670															-.1609

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5117	-.4595	-.3473
237.580			.5520	-.5827	-.3929	-.3287
241.120		.5248	.5759	-.5149	-.3212	-.3334
244.660	.4580	.5211	.5559		-.3249	-.3280
248.200	.4531	.4942	.5209		-.3319	-.3421
251.740	.4439	.4563	.4475			
255.280		.4030	.2557	-.3726	-.3217	
323.510				-.6828	-.8673	-.8459
327.050			-.3409	-.6956	-.8867	-.8223
330.590		-.2588	-.3306	-.6633	-.8753	-.7570
334.130	-.1845	-.2653	-.3653	.0000	-.8902	-.6479
337.670	-.1892	-.2745	-.3701	.0000	-.8768	-.5363
341.210	-.1973	-.2803	-.3785			
344.750		-.2813	-.3775	-.6571		

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ARC11-716 IA.4 D1+T12+S12+S25-AT1G ET ATTACH PTS.   (RB1231)

ALPHAO(4) = -4.230   BETAO(9) = 6.050

SECTION (11) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2656	.2370	.1660	.0542								
186.380				.2792	.2291	.1298	.0185								
189.920			.3321	.3023	.2019	.0392	.0016								
193.460		.3636	.3830	.3453	.0901	.0249	.0294								
197.000	.3488	.4046	.4493	.0000	.0000	-.1116	.0377								
200.540		.3813	.4695	.4816	-.0599	-.1034	-.0152								
204.080			.2992	.2095	-.0832	-.0547	-.0144								
207.620				.3298	-.0091	-.0021	.0246								
222.840											.2227	.1627	.1547	.1537	
226.380										.2868	.2924	.1783	.1532	.1480	
229.920									.2727	.3666	.4228	.1654	.0852	.1677	
233.460								.2146	.2806	.4026	.4801	.0580	.0000	-.0466	
237.000									.2566	.3480	.0000	.0000	-.3320		
240.540										.2541	.2173	-.0972	-.2191	-.2047	
244.080															.4674
337.670															-.1739

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.6216	-.5501	-.6284	-.4335
237.580			.6055	-.5714	-.5383	-.4081
241.120		.5637	.5717	-.4729	-.4528	-.4310
244.660	.4995	.5432	.5426		-.4488	-.5225
248.200	.4928	.5227	.5129		-.4711	-.5209
251.740	.4877	.4896	.3003	-.4466	-.4362	-.9421
255.280		.4449		-.6660	-.8788	-.5421
323.510				-.7010	-.9034	-.9128
327.050			-.3393	-.6742	-.8880	-.8303
330.590		-.2644	-.3294	.0000	-.9016	-.6384
334.130	-.1888	-.2684	-.3675		-.8967	-.5557
337.670	-.1928	-.2816	-.3771			
341.210	-.2005	-.2889	-.3826	.0000		
344.750		-.2902	-.3831	-.6658		

ARC11-716 IA14 C1+T12*S1?M25+AT1O ET ATTACH PTS.   (RB1231)

ALPHAO(4) = -4.800   BETAO (10) = 8.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.0180
PHI															
182.840				.2562	.2337	.1732	.0776								
186.360				.2718	.2293	.1466	.0599								
189.920			.3212	.2969	.2092	.0780	.0577								
193.460		.3389	.3635	.3444	.1260	.0832	.0709								
197.000	.3133		.4073	.0000	.0000	-.0128	.1304								
200.540		.3680	.4046	.4120	.0106	-.0244	.0638								
204.080		.3483	.3537	.2743	-.0096	-.0245	.0505								
207.620				.3018	.0534	.0638	.0973								
222.840											.2270	.1691	.1603	.1591	
226.360											.2886	.1831	.1546	.1524	
229.920										.2924	.4042	.1590	.0962	.1610	
233.450									.2865	.3736	.4966	.0375	.0000	-.0567	
237.000								.2325	.3023	.4160					
240.540									.2811	.3748	.0000	.0000	-.2523		
244.080										.2883	.2598	-.0604	-.1804	-.1665	.5134
248.200															-.1066
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5593	-.6159	-.4367
237.580			.6603	-.5779	-.5509	-.4257
241.120		.6090	.6557	-.4682	-.4553	-.4314
244.660	.5526	.6036	.6362	-.4734	-.5190	
248.200	.5462	.5895	.6179	-.4840	-.5594	
251.740	.5489	.5569	.5639			
255.280		.5201	.3599	-.3960	-.4760	
323.510				-.6888	-.8886	-1.0120
327.090			-.3364	-.7037	-.9143	-.9717
330.590	-.2707		-.3309	-.6816	-.8986	-.8914
334.130	-.2043	-.2780	-.3731	-.9080	-.9080	-.7346
337.670	-.2075	-.2922	-.3861	.0000	-.9123	-.5708
341.210	-.2181	-.3012	-.3903	.0000		
344.790		-.3028	-.3920	-.6704		

ARC11-716 IA14 C1+T12+S12+R25+AT10 ET ATTACH PTS.   (RB1231)

ALPHADES(4) = -4.200   BETAQ(11) = 10.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2362	.2179	.1782	.0984								
186.380				.2515	.2230	.1703	.0942								
189.920			.3091	.2860	.2169	.1354	.1071								
193.470		.3338	.3537	.3362	.1646	.1563	.1494								
197.00	.2719	.3349	.3749	.0000	.0000	.1103	.2142								
200.540		.3099	.3663	.3498	.0598	.0525	.1490								
204.080			.3488	.3325	.0832	.0893	.1226								
207.620				.3456	.1351	.1007	.1473								
222.840											.2447	.1816	.1761	.1800	
226.380											.3148	.1960	.1625	.1684	
229.920										.3282	.6349	.1645	.0951	.1860	
233.460									.3198	.4159	.6349	.0263	.0000	-.0298	
237.000								.2618	.3324	.4645	.5434				
240.540									.3161	.4245	.0000	.0000	.0000	-.2031	
244.080										.3287	.2673	-.0539	-.1656	-.1634	
248.200															.5488
337.670															-.2234

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6074	-.8113	-.6441
237.580			.7099	-.5964	-.8079	-.5057
241.120		.6673	.7159	-.4483	-.7695	-.5677
244.660	.5996	.6656	.6985	-.7376	-.7376	-.7399
248.200	.55	.6500	.6792	-.7446		-.7762
251.740		.6107	.6001			
255.280	.5776	.5776	.4119	-.4314	-.8250	
323.510				-.6920	-.9028	-1.0780
327.050			-.3412	-.7172	-.9307	-1.0230
330.590			-.3377	-.6951	-.9178	-.9217
334.130	-.2261	-.2847	-.3855	.0000	-.9220	-.7510
337.670	-.2317	-.2902	-.3954		-.9270	-.5848
341.210	-.2413	-.3092	-.4068	.0000		
344.750		-.3307	-.4090	-.6938		

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(5) = -2.870   BETAO (1) = -9.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.040				.3043	.2976	.2292	.0926								
186.580				.3441	.3326	.2196	-.0482								
189.920			.3676	.4182	.3680	.0566	-.4287								
193.460		.3378	.4484	.5080	.3393	-.6530	-.5288								
197.000	.2252	.3954	.5063	.0000	.0000	-.7931	-.3063								
200.540		.3282	.4817	.5041	-.6569	-.6638	-.3185								
204.080			-.1403	-.2184	-.6838	-.6186	-.5180								
207.620				-.1002	-.6271	-.6338	-.4587								
222.640											.0293	.0111	.0159	.0147	
226.380											.0549	.0241	.0149	.0134	
229.920										.0494		.0143	-.0107	.0178	
233.480								.0319	.0558	.1012	.1247	-.0793	.0000	-.1074	
237.090									.0682	.1388	.2130	.0000	-.3068		
240.540									.0566	.1269	.0000	.0000			
244.080										.0615	.0650	-.1331	-.2197	-.1886	.0989
337.670															-.1794

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5330	-.5813	-.4706
237.580			.1781	-.6322	-.5088	-.4870
241.120		.1548	.1988	-.7036	-.5336	-.5598
244.660	.1181	.1609	.1880		-.6588	-.5842
248.200	.1159	.1592	.2286		-.7321	-.5241
251.740	.1031	.0978	.2323			
255.280		-.0971	-.1970	-.4294	-.4202	
323.510			-.3649	-.6540	-.8160	-.7159
327.050		-.2782	-.3562	-.6702	-.8428	-.7541
330.590		-.2877	-.3876	-.6534	-.8652	-.7035
334.130	-.2023	-.2959	-.3989	.0000	-.9037	-.5712
337.670	-.2100	-.3046	-.4063	.0000	-.9149	-.5849
341.210	-.2199	-.3057	-.4054	-.6910		
344.750						

ALPHA(5) = -2.890   BETA(2) = -7.990

ARC11-716 IA14 O4+T12+S12M25+A11C ET ATTACH PTS.   (RB1231)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI X/LT	.3910	.3970	.4025	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.840				.3174	.3036	.2238	.0690								
186.360				.3505	.3310	.2048	-.0810								
189.920			.3692	.4177	.3599	.0301	-.4561								
193.480			.4485	.5115	.3241	-.6590	-.4498								
197.000	.2132	.3312	.5107	.0000	.0000	-.7980	-.2756								
200.540		.3865	.4803	.4962	-.5554	-.6291	-.3437								
204.080		.3221		-.2154	-.6490	-.6078	-.5509								
207.620			-.1373	-.0862	-.5983	-.6092	-.5303								
222.840											.0337	.0189	.0216	.0191	
226.380											.0555	.0291	.0201	.0244	
229.920										.0551	.1136	.0199	-.0033	.0185	
233.460									.0591	.0989	.1942	-.0669	.0000	-.1100	
237.000								.0388	.0707	.1379	.0000	.0000	-.2971		
240.540									.0628	.1271	.0718	-.1221	-.2086	-.1728	
244.080										.0769					
248.200															.0980
337.670															-.1710

PHI X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040	.1159	.1547	.1788	-.5265	-.5829	-.4695
237.580	.1172	.1574	.1926	-.6184	-.5069	-.4827
241.120	.1046	.1604	.1810	-.6892	-.5069	-.5387
244.660		.1014	.2103		-.6176	-.5655
248.200			.2197		-.6943	-.5224
251.740		-.0993	-.1704	-.4364	-.4169	
255.280				-.6507	-.8139	-.6728
323.510				-.6656	-.8306	-.7116
327.050		-.2731	-.3644	-.6467	-.8500	-.6688
330.590		-.2791	-.3532	.0000	-.8911	-.5685
334.130	-.1960	-.2873	-.3609	.0000	-.9978	-.5720
337.670	-.2005	-.2928	-.3672			
341.210	-.2073	-.2958	-.3977	-.6674		
344.750			-.3932			

ARC11-716 IA14 CL+TI2+S12M25+ATIO ET ATTACH PTS.   (RB1231)

ALPHAO(5) = -2.870   BETAO (5) = -5.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6160	.6230	.6280	.6340	.6390	.9160
182.840				.3209	.2992	.2137	.0397								
186.300				.3459	.3197	.1876	-.1083								
189.920			.3695	.4052	.3390	.0010	-.4521								
193.460		.3283	.4366	.4964	.2956	-.6310	-.3171								
197.000	.2204	.3722	.4922	.0000	.0000	-.7239	-.2307								
200.540		.3105	.4517	.4539	-.5773	-.5484	-.3351								
204.080			-.1142	-.1261	-.5658	-.5341	-.4949								
207.620				-.0871	-.5437	-.5317	-.4822								
222.840											.0491	.0345	.0388	.0348	
226.380											.0692	.0420	.0392	.0432	
229.920										.0672	.1192	.0368	.0195	.0345	
233.460									.0677	.1036		-.0373	.0000	-.0787	
237.000								.0504	.0783	.1397	.1973	.0000			
240.540									.0724	.1248	.0000	.0000			
244.080										.0830	.0742	-.1012	-.2667	-.1550	
248.200												-.1897	-.1897		
357.670															.0997
															-.1643

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5003	-.5701	-.4497
237.580				-.5825	-.4888	-.4590
241.120		.1541	.1923	-.6739	-.4813	-.5060
244.660	.1187	.1610	.1874	-.5689	-.5478	
248.200	.1182	.1606	.2101	-.6482	-.5091	
251.740	.1059	.1154	.2114			
255.280		-.0276	-.1384	-.4452	-.4142	
323.510				-.6734	-.8354	-.6506
327.050			-.3660	-.6720	-.8354	-.6765
330.590			-.3543	-.6450	-.8416	-.6628
334.130	-.1907	-.2657	-.3775	.0000	-.8683	-.5744
337.670	-.1932	-.2722	-.3841		-.8772	-.5537
341.210	-.1991	-.2767	-.3868	.0000		
344.750		-.2871	-.3614	-.6788		

ARC11-71E DATA D1*T12+S12H25*ATID ET ATTACH PTS.   (RB1231)

ALPHA(X 5) = -2.080   BETA(I 4) = -3.380

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.860				.3185	.2940	.2018	.0256								
186.360				.3372	.3033	.1664	-.1239								
189.920			.3543	.3806	.3090	-.0262	-.4300								
193.480		.3271	.4080	.4571	.2432	-.5486	-.2132								
197.000	.2591	.3563	.4541	.0000	.0000	-.5798	-.1954								
200.540		.3043	.4242	.4139	-.4905	-.4705	-.2818								
204.080			-.0522	-.0585	-.5927	-.4483	-.4317								
207.620				-.0035	-.4671	-.4444	-.4048								
222.840												.0561	.0521	.0546	
226.360											.0755	.0679	.0521	.0538	
229.920										.1019	.1115	.0610	.0325	.0531	
233.460									.1039	.1531	.1908	-.0134	.0000	-.0716	
237.000								.0823	.1117	.1888	.2553	.0000	-.2973		
240.540									.1904	.617	.0000	-.1078	-.2058	-.1763	
244.080										.1C61	.0886				
248.200															.1205
337.670															-.1514

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2304	-.5023	-.5639	-.4371
237.580			.2329	-.5577	-.4867	-.4287
241.120				-.6364	-.4474	-.4557
244.660	.1557	.1953	.2211		-.5018	-.5127
246.2?0	.1552	.2071	.2356		-.5609	-.5157
251.740	.1400	.1943	.2280			
255.280		.1520	-.0753	-.4914	-.4077	
323.510		.0411		-.6648	-.8357	-.6750
327.050			-.3463	-.6745	-.8466	-.6782
330.590		-.2562	-.3404	-.6396	-.8417	-.6517
334.130	-.1850	-.2624	-.3672	.0000	-.8640	-.5598
337.670	-.1844	-.2653	-.3705		-.8533	-.5191
341.210	-.1864	-.2718	-.3764	.0000		
344.750		-.2733	-.3747	-.6507		

ARC11-716 1A14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(5) = -2.040   BETAO (5) = -1.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.040				.2997	.2719	.1755	-.0003								
186.360				.3125	.2670	.1285	-.1418								
189.920			.3406	.3408	.2515	-.0704	-.3666								
193.480			.3672	.3950	.1521	-.4160	-.1892								
197.000	.2662	.3753	.4480	.0000	.0000	-.4750	-.1795								
200.540		.3451	.4738	.4565	-.4336	-.4370	-.3098								
204.080			.0333	.0217	-.4627	-.4332	-.3893								
207.620				.0965	-.4035	-.3783	-.3570								
222.040											.1183	.0840	.0821	.0790	
226.360											.1738	.0983	.0789	.0743	
229.920											.2900	.0926	.0471	.0844	
233.480									.1554	.1594	.3435	.0211	.0000	-.0792	
237.000								.1104	.1631	.2285					
240.540									.1426	.2625			-.3497		
244.080										.2171	.0000	.0000	-.2441	-.2268	
248.200										.1399	.1131	-.1345			.1990
337.670															-.1447

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5187	-.5791	-.4055
237.560				-.5514	-.4940	-.4010
241.120			.3344	-.5733	-.4139	-.4164
244.660	.2350	.3172	.3337		-.4397	-.4661
248.200	.2187	.2718	.3275		-.4764	-.4926
251.740	.2158	.2587	.2878			
255.280	.1562	.2193	.2526	.0153	-.4824	-.4182
325.513				-.6735	-.8447	-.6944
327.090			-.3412	-.6761	-.8524	-.7056
330.590	-.2449	-.3282		-.6391	-.8491	-.6617
334.130		-.2576	-.3596	.0000	-.8690	-.5460
337.670	-.1770	-.2659	-.3690	.0000	-.8444	-.5023
341.210	-.1775	-.2719	-.3735	.0000		
344.750	-.1841	-.2677	-.3690	-.6431		

TABULATED PRESSURE DATA - DATA - PART 11

ARC11-710 1414 2-1120.512M25+AT10 ET ATTACH PTS.

(RB1231)

ALPHA(5) = -2.840   BETA(6) = .010

DEPENDENT VARIABLE CP

SECTION INLET ATTACH POINTS

M/T	.3310	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.2819	.2462	.1477	.0194								
186.380				.2951	.2371	.0897	.1363								
189.920			.3463	.3273	.2131	.0998	.2791								
193.460		.3633	.4115	.3909	.1019	.3424	.1649								
197.000		.4152	.4946	.0000	.0000	.4478	.1913								
200.540	.3121	.3753	.5182	.5148	.3741	.4003	.3204								
204.080				.0337	.3981	.3541	.3519								
217.620			.0806	.1518	.3353	.3042	.2908								
222.840										.2122	.1616	.1143	.1026	.0992	
226.380										.2690	.2332	.1357	.1024	.1019	
229.970										.3065	.3609	.1372	.0630	.1191	
233.480									.1945	.3856	.0788	.0000	.0747	
237.000							.1444	.1979	.2463	.0000	.0000	.0000	.4164	
240.540									.1705	.1617	.1185	.1733	.3002	.8597	
244.080															.8775
248.200															.1453
337.670															

M/T	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.4625	.5084	.1642	.3403
237.580		.4052	.4462	.5379	.3881	.3297
241.120		.3813	.4167	.5223	.3113	.3282
244.660	.3115	.3495	.3462		.3063	.3262
248.200	.3088	.2919	.2916		.3078	.3237
251.740	.2874	.2327	.1328	.3723	.3140	
255.280				.6694	.6527	.8263
323.510			.3288	.6809	.8628	.7945
327.050		.2521	.3213	.6454	.8571	.7406
330.590		.2906	.3574	.0000	.8793	.5785
334.130	.1714	.2600	.3623	.0000	.8462	.5045
337.670	.1762	.2640	.3680			
341.810	.1771	.2801	.3673	.6417		
344.790						

ARC11-716 1A14 CX*TI2*S1EM*S*ATIO ET ATTACH PTS.   (RB1231)

ALPHAO(5) = -2.840   BETAO (7) = 2.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
PHI															
182.840				.2781	.2444	.1492	-.0090								
186.390				.2936	.2370	.0976	-.1035								
189.920			.3509	.3293	.2149	-.0717	-.1976								
193.480		.3658	.4098	.3957	.1970	-.2046	-.1155								
197.000	.3236	.4126	.4463	.0000	.0000	-.3487	-.1685								
200.540		.3679	.4957	.4867	-.2468	-.3037	-.2416								
204.080			.1153	.0156	-.2527	-.2458	-.2379								
207.620				.1760	-.1867	-.1993	-.1906								
222.840										.2303	.1883	.1401	.1398	.1393	
226.390										.2906	.2304	.1671	.1408	.1462	
229.920									.2128	.3093	.3552	.1671	.1039	.1466	
233.480								.1655	.2142		.3756	.1172	.0000	-.0183	
237.000									.1938	.2598					
240.540										.1844	.0000	.0000	-.3572	-.2125	
244.080											.1429	-.1318	-.2512	-.2125	
248.200															.3580
337.670															-.1463

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5094	-.3919	-.3163
237.590			.4781	-.5622	-.3326	-.3114
241.120		.4497	.4872	-.5446	-.2855	-.3092
244.660	.3944	.4410	.4697		-.2882	-.2892
248.200	.3905	.4329	.4564		-.2726	-.2961
251.740	.3831	.3947	.4091			
255.280		.3435	.2121	-.3510	-.2838	
323.510				-.6707	-.8514	-.8595
327.030			-.3343	-.6824	-.8653	-.8441
330.590	-.1997	-.2454	-.3176	-.6466	-.8574	-.8157
334.130	-.1734	-.2489	-.3519	.0000	-.8745	-.6772
337.670	-.1794	-.2561	-.3602	.0000	.6691	-.5620
341.210		-.2646	-.3651			
344.750		-.2647	-.3607	-.6444		

ARC11-716 IA14 O1+T12+S12H25+AT10 ET ATTACH PTS.   (RB1231)

A_PHA0(5) = -2.960   BETA0 (6) = 4.050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2722	.2442	.1593	.0215								
186.380				.2831	.2304	.1112	.0421								
189.920			.3346	.3085	.2016	-.0144	-.0086								
193.460		.3577	.3828	.3583	.0849	-.0704	-.0246								
197.000	.3269	.3905	.4456	.0000	.0000	-.2233	-.0303								
200.540		.3579	.4579	.4628	-.1623	-.2073	-.1043								
204.080			.1654	.0750	-.1542	-.1561	-.1181								
207.620				.1952	-.0897	-.1063	-.0891								
222.840											.2056	.1670	.1531	.1534	
226.380											.2622	.1823	.1531	.1508	
229.920										.2547	.3759	.1670	.1087	.1563	
233.460									.2463	.3268	.4461	.0694	.0000	-.0362	
237.000								.1989	.2554	.3649					
240.540									.2369	.3266	.0000	.0000	-.2909		
244.080										.2379	.2078	-.0857	-.1944	-.1868	
248.200															.4226
337.670															-.1564

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6040	-.7581	-.5725
237.580			.5544	-.6355	-.7064	-.5043
241.120		.5258	.5798	-.5159	-.6178	-.5531
244.660	.4638	.5236	.5578	-.6744	-.6744	-.6850
248.200	.4564	.5026	.5290		-.7084	-.7235
251.740	.4572	.4572	.4559	-.9030	-.6230	-.9055
255.280		.4087	.2582	-.6795	-.8654	-.8785
323.510				-.6928	-.8794	-.8129
327.050		-.2560	-.3399	-.6582	-.8694	-.6936
330.590		-.2567	-.3307		-.8863	-.5741
334.130	-.1808	-.2672	-.3614	.0000		
337.670	-.1828	-.2722	-.3662	.0000	-.8849	
341.210	-.1894	-.2736	-.3717	-.6515		
344.750			-.3647			

ARC11-716 1A14 CL+T12+S12N2S+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(5) = -2.070   BETAO (9) = 6.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
PHI															
182.840				.2560	.2311	.1612	.0529								
186.380				.2717	.2222	.1276	.0206								
189.920			.3173	.2948	.1971	.0346	.0024								
193.460		.3447	.3649	.3383	.0837	.0217	.0373								
197.000	.3237	.3787	.4248	.0000	.0000	-.1104	.0605								
200.540		.3565	.4381	.4463	-.0743	-.1030	-.0004								
204.080			.2641	.1588	-.0753	-.0589	-.0260								
207.620				.2264	-.0159	-.0233	.0014								
222.840											.2377	.1828	.1754	.1737	
226.380										.2951	.3029	.1906	.1695	.1717	
229.920									.2798	.3677	.4247	.1855	.1127	.1863	
233.460									.2852	.3986	.4793	.0862	.0000	-.0154	
237.000								.2221	.2627	.3481	.0000	.0000			
240.540												.0000	-.2991		
244.080									.2627		.2248	-.0729	-.1913	-.1749	
248.210															.4707
337.670															-.1694

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.6056	-.7498	-.6155
237.580		.5568	.6186	.6173	-.7518	-.4984
241.120		.5437	.6013	-.4890	-.7019	-.5465
244.660	.5035	.5247	.5723	-.6982	-.6653	
248.200	.4980	.4966	.5555	-.7088	-.7238	
251.740	.4953	.4519	.5239			
255.280			.3026	-.4877	-.7411	
323.510				-.6902	-.8813	-.9444
327.050			-.3445	-.7009	-.9015	-.8862
330.590		-.2643	-.3325	-.6738	-.8868	-.8263
334.130	-.1904	-.2708	-.3696	.0000	-.9015	-.6666
337.670	-.1946	-.2806	-.3803		-.8948	-.5589
341.210	-.2037	-.2670	-.3885	.0000		
344.750		-.2849	-.3840	-.6626		

ARC11-716 1414 C1+T12+S12N25+AT1G EY ATTACH PTS.   (RB1251)

ALPHA(I 5) = -2.870   BETA0 (10) =   8.270

SECTION (1)EY ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.3280	.8340	.8390	.9160
PHI																
182.840				.2446	.2218	.1648	.0703								
186.380				.2597	.2179	.1434	.0535								
189.920			.3043	.2838	.2002	.0747	.0545								
193.460		.3220	.3434	.3273	.1178	.0774	.0737								
197.000	.2957	.3486	.3827	.0000	.0000	-.0097	.1402								
200.540		.3242	.3793	.3583	-.0104	-.0283	.0656								
204.080				.2351	-.0102	.0185	.0400								
207.620				.2552	.0385	.0439	.0692								
222.840											.2429	.1918	.1818	.1818	
226.380											.3020	.2019	.1801	.1744	
229.920										.3096	.4132	.1804	.1190	.1631	
233.460									.3007	.3854	.5022	.0538	.0000	-.0302	
237.000								.2461	.3145	.4267		.0000			
240.540									.2962	.3857	.0000	.0000	-.2652		
244.080										.2989	.2691	-.0448	-.1559	-.1418	
248.200															.5108
337.670															-.1899

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI							
234.040				-.5983	-.7827	-.6220
237.580			.6723	-.5993	-.7706	-.4910
241.120		.6193	.6696	-.4557	-.7395	-.5460
244.660	.5549	.6109	.6397		-.7227	-.7112
248.200	.5522	.5941	.6227		-.7309	-.7377
251.740	.5443	.5589	.5546			
255.280		.5221	.3605	-.4339	-.7790	
323.510				-.6920	-.8876	-.9818
327.050			-.3482	-.7093	-.9112	-.9135
330.590		-.2733	-.3410	-.6852	-.8943	-.8299
334.130	-.2078	-.2790	-.3794	.0000	-.9048	-.6810
337.670	-.2106	-.2917	-.3887		-.8968	-.5495
341.210	-.2179	-.3037	-.3961	.0000		
344.750		-.3029	-.3929	-.6733		

ALPHAO(5) = -2.030   BETAO (11) = 10.090   ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.2204	.2069	.1658	.0941								
186.380				.2401	.2101	.1634	.0922								
189.920			.2850	.2667	.2061	.1267	.1050								
193.460		.3096	.3241	.3138	.1570	.1390	.1306								
197.000	.2594	.3175	.3421	.0000	.0000	.0981	.1944								
200.540		.2911	.3443	.3234	.0643	.0562	.1444								
204.080			.3259	.3042	.1074	.0833	.1227								
207.620				.3182	.1252	.0902	.1303								
222.840												.2015	.1963	.1963	
226.380											.2636	.2154	.1833	.1878	
229.920										.3369	.3270	.1817	.1172	.2077	
233.460									.3346	.4247	.4487	.0417	.0000	-.0052	
237.000								.2755	.3458	.4737	.5583	.0000	.0000		
240.540									.3282	.4329	.0000	.0000	-.2636		
244.080										.3383	.3054	-.0340	-.1439	-.1327	
248.290															.5405
337.670															-.2189

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.9941	-.8126	-.6805
237.580			.7282	-.5834	-.8034	-.5111
241.120		.6756	.7285	-.4347	-.7728	-.5690
244.660	.6025	.6682	.7085		-.7537	-.7500
248.200	.5921	.6485	.6759		-.7619	-.7733
251.7??	.5843	.6015	.5880			
255.280		.5652	.4023	-.4498		
323.510				-.6994	-.9020	-1.0060
327.030			-.3484	-.7172	-.9284	-1.0020
330.590			-.3466	-.6961	-.9174	-.9095
334.130	-.2282	-.2900	-.3906	.0000	-.9209	-.7360
337.670	-.2341	-.2955	-.4012		-.9284	-.5852
341.210	-.2446	-.3252	-.4139	.0000		
344.750	-.3267	-.3147	-.4131	-.6899		

ARC11-716 IA14 OA+T12+S12+25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(6) = -.690   BETAO(1) = -10.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.2994	.2925	.2308	.0961								
186.380				.3383	.3289	.2204	-.0445								
189.920			.3612	.4103	.3660	.0598	-.4212								
193.460		.3250	.4362	.4983	.3417	-.6395	-.5195								
197.000	.2143	.3764	.4874	.0000	.0000	-.7839	-.2885								
200.540		.3088	.4539	.4209	-.6261	-.6293	-.3274								
204.080			-.1612	-.2453	-.6471	-.5934	-.4961								
207.620				-.1242	-.6024	-.6122	-.4411								
222.840											.0349	.0411	.0410	.0419	
226.380											.0813	.0500	.0419	.0395	
229.920											.1479	.0418	.0240	.0405	
233.460										.0767	.2204	-.0334	.0000	-.0757	
237.000								.0520	.0769	.1194					
240.540									.0885	.1609	.0000	.0000	.0000		
244.080									.0809	.1434	.0746	-.1133	-.2823	-.1500	
246.200										.0839			-.1972		.1256
337.670															-.1809

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5178	-.5896	-.4854
237.580			.2071	-.6014	-.5160	-.4814
241.120		.1863	.2360	-.6996	-.5081	-.5364
244.660	.1435	.1903	.2175		-.6265	-.5853
248.200	.1489	.1912	.2562		-.7098	-.5474
251.740	.1381	.1394	.2772			
255.280		-.0529	-.1543	-.4499	-.4285	
323.510				-.6545	-.8228	-.7315
327.090			-.3557	-.6722	-.8491	-.7090
330.990		-.2716	-.3520	-.6498	-.8680	-.6587
334.130	-.2004	-.2821	-.3834	.0000	-.8889	-.5499
337.670	-.2078	-.2933	-.3948			
341.210	-.2197	-.3046	-.4065	.0000	-.8862	-.5683
344.790		-.3079	-.4037	-.6969		

ARC11-716 IA14 CA+TI2+SIN25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(6) = -.600   BETAO (2) = -7.980

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3077	.2921	.2187	.0628								
186.380				.3370	.3195	.1995	-.0819								
189.920			.3552	.4036	.3483	.0258	-.4437								
193.460		.3200	.4316	.4928	.3138	-.6316	-.4287								
197.000	.2042	.3710	.4932	.0000	.0000	-.7777	-.2644								
200.540		.3074	.4587	.4171	-.6287	-.6041	-.3355								
204.080			-.1497	-.2277	-.6262	-.5887	-.5347								
207.620				-.1024	-.5755	-.5864	-.5052								
222.840															
226.880											.0590	.0463	.0503	.0490	
229.920										.0816	.0805	.0505	.0490	.0505	
233.460									.0821	.1190	.1396	.0456	.0286	.0454	
237.000								.0611	.0930	.1578	.2186	-.0272	.0000	-.0700	
240.540									.0366	.1457	.0000	.0000	-.2640		
244.080										.0960	.0887	-.0957	-.1792	-.1374	
248.200															.1251
337.670															-.1546

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5128	-.5905	-.4639
237.580				-.5986	-.5186	-.4714
241.120		.1829	.2251	-.6813	-.5099	-.5262
244.660	.1446	.1871	.2137		-.6034	-.5660
248.200	.1432	.1861	.2472		-.6671	-.5350
251.740	.1325	.1356	.2573			
255.280		-.0269	-.1421	-.4567	-.4226	
323.510				-.6291	-.8011	-.7336
327.050				-.6512	-.8300	-.7378
330.590			-.3418	-.6353	-.8531	-.6631
334.130	-.1698	-.2473	-.3283		-.8825	-.5524
337.670	-.1768	-.2563	-.3573	.0000	-.8885	-.5751
341.210	-.1881	-.2678	-.3658	.0000		
344.790		-.2731	-.3737	-.6750		
		-.2807	-.3752			

TABULATED PRESSURE DATA - TEST RUN - VOL. II

ARCSIN-715 TAM C1+T12-S12N25+ATIO ET ATTACH PTS.

(R01231)

ALPHADE(8) = -.870   BETAQ(3) = -5.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.9160
182.840				.3121	.2925	.2000	.0450								
186.380				.3380	.3130	.1856	-.0983								
189.920			.3521	.3927	.3330	.0062	-.4346								
193.460		.3102	.4086	.4786	.2882	.6021	.2858								
197.000	.2075	.3422	.4537	.0000	.0000	.6979	.2078								
200.540		.2865	.4101	.3545	.5482	.5178	.2959								
204.080			-.1271	-.1616	.5472	.5067	.4670								
207.620				-.0789	-.5283	.5008	.4630								
222.840											.0751	.0622	.0605	.0620	
228.380											.0951	.0676	.0605	.0637	
229.920											.1402	.0612	.0501	.0599	
233.460									.0903	.0871	.2090	-.0052	.0000	-.0454	
237.000								.0722	.0987	.1190	.0000	.0000	-.2380		
240.540									.0945	.1487	.0000	.0000			
244.080										.1450	.0973	-.0784	-.1545	-.1135	
248.200										.1009					.1221
337.670															-.1312

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4941	-.5607	-.4455
237.580			.1982	-.5776	-.4909	-.4445
241.120			.2177	.6770	-.4762	-.4908
244.660	.1396	.1773	.2059		-.5620	-.5390
248.200	.1408	.1812	.2272		-.6304	-.4981
251.740	.1292	.1607	.2385			
255.280		.1352	-.1199	-.4441	-.4051	
323.510		-.0058		-.6233	-.7944	-.6724
327.050			-.3375	-.6363	-.8134	-.7158
330.590			-.3237	-.6199	-.8336	-.6621
334.130	-.1396	-.2382	-.3477	.0000	-.8647	-.5220
337.670	-.1396	-.2420	-.3517	.0000	-.8784	-.5460
341.810	-.1703	-.2487	-.3544	.0000		
344.750		-.2542	-.3507	-.6597		

ARC11-716 IA14 CL+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(8) = -.060   BETAO (4) = -3.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4190	.4190	.4240	.6070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.3010	.2809	.1927	.0251								
186.380				.3164	.2891	.1592	-.1177								
189.920			.3262	.3556	.2925	-.0235	-.3954								
193.480		.2932	.3751	.4264	.2195	-.4955	-.1948								
197.000	.2128	.3225	.4145	.0000	.0000	-.5144	-.1726								
200.540		.2742	.3861	.3177	-.4541	-.4419	-.2509								
204.080			-.0815	-.0855	-.4718	-.4196	-.3973								
207.620				-.0103	-.4436	-.4101	-.3937								
222.840												.0804	.0783	.0786	
226.380											.0955	.0886	.0778	.0805	
229.920										.1173	.1293	.0856	.0603	.0777	
233.480									.1166	.1610	.1972	.0224	.0000	-.0394	
237.000								.0924	.1237	.1885	.2530				
240.540									.1153	.1687	.0000	.0000	-.2588		
244.080										.1200	.1046	-.0856	-.1708	-.1343	
248.200															.1413
337.670															-.1870

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040				-.4914	-.5686	-.4731
237.580			.2369	-.5460	-.4949	-.4274
241.120		.2010	.2499	-.6356	-.4445	-.4617
244.660	.1603	.2029	.2309	-.5117	-.5215	
248.200	.1613	.2012	.2376	-.5713	-.5095	
251.740	.1502	.1373	.2354			
255.280		.0397	-.0733	-.4785	-.4085	
323.510				-.6590	-.8212	-.6103
327.050			-.3352	-.6475	-.8227	-.6307
330.590		-.2359	-.3242	-.6117	-.8215	-.6222
334.130	-.1587	-.2411	-.3479	.0000	-.8371	-.5289
337.670	-.1589	-.2434	-.3517		-.8237	-.5219
341.810	-.1636	-.2474	-.3517	.0000		
344.750		-.2449	-.3458	-.6373		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A1A - VOL. 11

ARC11-715 1A14 D1*T12*S12*25*AT10 ET ATTACH PTS.   (RB1231)

ALPHA0, 6 = -.660   BETAO (5) = -1.930

SECTION (1) OF ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.840				.2836	.2523	.1665	-.0020								
186.380				.2889	.2424	.1188	-.1290								
189.920			.3142	.3111	.2211	-.0682	-.3082								
193.460		.3103	.3580	.3569	.1149	-.3500	-.1638								
197.000	.2519	.3548	.4256	.0000	.0000	-.4296	-.1466								
200.540		.3157	.4552	.3841	-.4021	-.4150	-.2844								
204.080			.0239	.0008	-.4394	-.3775	-.3706								
237.620				.0933	-.3617	-.3495	-.3289				.1310	.1015	.0984	.0947	
222.840											.1037	.1147	.1014	.1018	
226.380										.1660	.2745	.1156	.0722	.1050	
229.920									.1573		.3141	.0659	.0000	-.0352	
233.460								.1229		.2249					
237.000									.1620	.2462	.0000	.0000	-.3052		
240.540									.1462	.2061	.1151	-.0996	-.1993	-.1641	
244.080										.1457					
248.200															.1786
337.670															-.1234

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.3147	-.5290	-.5516	-.4038
237.580		.2583	.3090	-.5489	-.4851	-.3991
241.120		.2487	.2778	-.5917	-.4226	-.4141
244.660	.2048	.2370	.2654		-.4448	-.4535
248.200	.1979	.1983	.2418	-.4886	-.4732	-.4817
251.740	.1833	.1014	-.0160	-.6532	-.4041	
255.280				-.6601	-.8381	-.6079
323.510				-.6255	-.8471	-.6064
327.090		-.2306	-.3253	.0000	-.8416	-.5947
330.990		-.2373	-.3175		-.8483	-.4901
334.130	-.1589	-.2426	-.3456		-.7772	-.4829
337.670	-.1584	-.2469	-.3502	.0000		
341.210	-.1647	-.2464	-.3542			
344.750			-.3532	-.6320		

ARC11-716 IA14 CL+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(6) = -.660   BETAO (6) =   .010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.2757	.2415	.1462	-.0060								
186.380				.2888	.2327	.0954	-.1115								
189.920				.3183	.2066	-.0825	-.2300								
193.460		.3447	.3943	.3909	.1045	-.2794	-.1359								
197.000	.2926	.3982	.4780	.0000	.0000	-.4050	-.1622								
200.540		.3543	.4920	.4328	-.3145	-.3614	-.2838								
204.080				.0082	-.3477	-.3097	-.3128								
207.620			.0601	.1345	-.2823	-.2609	-.2642								
222.840												.1296	.1221	.1191	
226.380											.1717	.1525	.1285	.1304	
229.920											.2332	.1574	.0968	.1385	
233.460										.2052	.3409	.1163	.0000	-.0075	
237.000								.1449	.1865	.2697	.3512				
240.540									.1892	.2872	.0000	.0000	-.3496		
244.080									.1650	.2278	.1267	-.1123	-.2295	-.1733	
245.290										.1574					
357.670															.2325
															-.1106

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4862	-.4523	-.3309
237.580			.3907	-.5107	-.3749	-.3187
241.120		.3247	.3688	.5413	-.3143	-.3173
244.660	.2622	.3104	.3353		-.3202	-.3254
248.200	.2492	.2910	.3190		-.3378	-.3664
251.740	.2426	.2494	.2756			
255.280		.1626	.0906	-.3756	-.3217	
323.510				-.6436	-.8362	-.6443
327.050			-.2929	-.6555	-.8449	-.5915
330.590		-.2090	-.2827	-.6132	-.8347	-.5682
354.130	-.1324	-.2139	-.3165	.0000	-.8454	-.4756
337.670	-.1366	-.2249	-.3246		-.7680	-.4449
341.210	-.1480	-.2313	-.3339	.0000		
344.750		-.2317	-.3336	-.6139		

DATE 07 JAN 75   TABULATED PRESSURE DATA - TABLE - VOL. 11

ALPHA-0(8) = -.670   BETA-0 (7) = 2.050

ARCII-716 TABA D1*T12*S12*W25*AT10 ET ATTACH PTS.   (RB1231)

SECTION 6 (JET ATTACH POINTS)   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2766	.2449	.1542	.0053								
186.380				.2948	.2432	.1073	-.0784								
189.920			.3455	.3277	.2240	-.0489	-.1653								
193.460			.4001	.3980	.1196	-.1481	-.0891								
197.000	.3110	.3937	.4690	.0000	.0000	-.2992	-.1477								
200.540		.3450	.4634	.4088	-.1948	-.2561	-.2138								
204.080			.0910	.0103	-.2175	-.2153	-.2068								
207.620				.1606	-.1611	-.1721	-.1606								
222.840											.1969	.1649	.1994	.1582	
226.380											.2460	.1826	.1641	.1661	
229.920										.2274	.3312	.1831	.1314	.1651	
233.460									.2103	.2772	.3573	.1262	.0000	.0257	
237.000								.1701	.2131	.2933	.0000	.0000			
240.540									.1928	.2491	.0000	-.0645	-.2846		
244.080										.1839	.1600		-.1757	-.1330	
248.200															.2897
337.670															-.1040

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.3892		.4379	-.4774	-.3832	-.2994
237.580	.3096	.3944	.4332	-.5297	-.3308	-.2914
241.120	.5093	.3718	.4094	-.5519	-.2742	-.2736
244.660		.3415	.3909		-.2667	-.2840
248.200		.3139	.3476		-.2682	-.2893
251.740		.2486	.1237			
255.280				-.3344	-.2785	
323.510				-.6456	-.8397	-.7101
327.090				-.6551	-.8548	-.6051
330.390		-.2875		-.6156	-.8439	-.6117
334.130	-.1236	-.2032	-.2719	.0000	-.8563	-.4832
337.670	-.1241	-.2365	-.3025		-.7769	-.4627
341.210	-.1363	-.2152	-.3124			
344.790		-.2219	-.3196	.0000		
		-.2251	-.3201	-.6135		

ARC11-716 1A14 O4+Y12+B12N25+AT10 ET ATTACH PTS. (RB1231)

ALPHAO(B) = -.080 BETAO(B) = 4.050

SECTION (1)ET ATTACH POINTS DEPENDENT VARIABLE C^B

X/LT	.3010	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8100
PHI															
182.840				.2666	.2378	.1623	.0330								
186.360				.2793	.2284	.1197	-.0241								
189.920			.3239	.3005	.2031	.0033	-.0661								
193.480		.3307	.3617	.3433	.0840	-.0380	-.0072								
197.000	.3108	.3729	.4138	.0000	.0000	-.1836	-.0113								
200.540		.3313	.4247	.3610	-.1273	-.1814	-.0625								
204.080			.1479	.0673	-.1410	-.1290	.1008								
207.520				.1810	-.0699	-.0984	-.0754								
222.840											.2232	.1874	.1847	.1000	
226.360											.2750	.1988	.1027	.1008	
229.920										.2650	.3809	.1938	.1391	.1858	
233.480									.2470	.3292	.1124	.1124	.0000	.0167	
237.000								.2048	.2606	.3484	.4251				
240.540									.2366	.3089	.0000	.0000	-.2517		
244.080										.2324	.2020	-.0467	-.1521	-.1234	
248.200															.3790
337.670															-.1189

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5834	-.7110	-.5641
237.580		.4672	.5327	-.6166	-.6895	-.4838
241.120		.4657	.5364	-.5223	-.6224	-.5442
244.660	.4056	.4420	.4898	-.6517	-.6627	
248.200	.3823	.3956	.4696	.6611	.6825	
251.740	.3741	.3226	.3037			
255.280			.1738	-.5290	-.5516	-.7571
323.510				-.6543	-.8452	-.7314
327.050		-.3017	-.3017	-.6641	-.8609	-.7163
330.590		-.2148	-.2848	-.6286	-.6480	-.5811
334.130	-.1360	-.2170	-.3154	.0000	.8614	-.4820
337.670	-.1361	-.2237	-.3238		-.6218	
341.210	-.1438	-.2292	-.3256	.0000		
344.790		-.2272	-.3206	-.6194		

CANDIDATE DATA A1*12+S12+25+ATIO ET ATTACH PTS.

BETA(DEG) = 5.00

DEPENDENT VARIABLE CP

ARC11-716 IA14 CA+T12+S12N25+RATIO ET ATTACH PTS.   (RB1231)

ALPHAO1 81 = -.090   BETAO (10) = 8.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.060				.2277	.2080	.1485	.0630								
186.380				.2426	.2063	.1302	.0478								
189.920			.2809	.2647	.1084	.0691	.0456								
193.480		.2981	.3116	.3061	.1025	.0726	.0628								
197.000	.2640	.3089	.3425	.0000	.0000	-.0061	.1385								
200.560		.2897	.5408	.2914	-.0105	-.0281	.0697								
204.080			.2897	.2134	-.0250	.0113	.0290								
207.620				.2374	.0120	.0314	.0571								
222.840											.2606	.2193	.2123	.2110	
226.360											.3254	.2343	.2106	.2012	
229.920									.3226	.3280	.4424	.2132	.1541	.2149	
233.480								.3359	.3982	.0842	.0000	.0043		
237.000								.6135		.4447	.3349				
240.560										.4057	.0000	.0000	-.2239	-.1027	
244.080									.3159	.3221	.2947	-.0093	-.1199		
248.200															.5213
337.670															-.1655

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
234.040				-.5987	-.7957	-.6561
237.560		.6421	.6981	-.5923	-.7868	-.5106
241.120		.6350	.6972	-.4417	-.7443	-.5540
244.660	.5667	.6221	.6677	.0000	-.7321	-.7201
248.200	.5655	.5684	.6499	.0000	-.7452	-.7556
251.740	.5900	.5352	.5623	-.4602	-.7741	
255.280			.5738	-.6769	-.6696	-.9920
323.510			-.3222	-.6689	-.8919	-.9481
327.090	-.1781	-.2544	-.3098	-.6649	-.8760	-.8674
330.590	-.1858	-.2581	-.5560	.0000	-.8929	-.7736
334.130		-.2713	-.3618		-.8934	-.5603
337.670	-.1963	-.2812	-.3729	.0000		
341.210		-.2798	-.3672	-.6513		
344.750						

ALPHA(1 S) = -.600   BETAD (1) = 10.120   ARL11-718 IA14 D1+T12+S12M25+AT1D ET ATTACH PTS.

SECTION (IDET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.1998	.1933	.1492	.0042								
186.380				.2213	.1958	.1433	.0874								
189.920			.2640	.2505	.1955	.1182	.0963								
193.460		.2817	.3028	.2963	.1467	.1243	.1247								
197.000	.2320	.2891	.3183	.0000	.0000	.0872	.1919								
200.540		.2645	.3174	.2738	.0372	.0335	.1340								
204.080			.2955	.2858	.0692	.0622	.1068								
207.620				.2968	.1025	.0737	.1260								
222.840												.2389	.2313	.2274	
226.380											.2906	.2493	.2188	.2156	
229.920										.3624	.3547	.2190	.1552	.2405	
233.460									.3560	.4434	.4729	.0805	.0000	.0397	
237.000									.3676	.4916	.5786	.0000			
240.540								.2962	.3488	.4494	.0000	.0000	-.2263		
244.080										.3525	.3244	-.0053	-.1110	-.0970	
248.200															.5508
337.670															-.2028

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5902	-.8085	-.6932
237.580		.7326	-.5780	-.7956	-.5129	
241.120	.6781	.7353	-.4353	-.7734	-.5723	
244.660	.6032	.6739	.7137		-.7514	-.7547
248.200	.5977	.6591	.6892		-.7585	-.7781
251.740	.5948	.6096	.5931	-.4654	-.7883	
255.280	.5754	.4051	-.7016	-.6850	-1.0040	
323.510			-.7103	-.9132	-.9909	
327.050		-.3396	-.6895	-.9030	-.9217	
330.590	-.2808	-.3347	-.3796	.0000	-.9169	-.7907
334.130	-.2138	-.2905	-.3954	.0000		-.6280
337.670	-.2167	-.3042	-.4016	.0000		
341.210	-.2250	-.3189	-.4016	.0000		
344.750		-.3160		-.6796		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(7) = 2.000   BETAO (1) = -10.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2821	.2763	.2145	.0844								
186.380				.3165	.3037	.2016	-.0536								
189.920			.3308	.3802	.3317	.0425	-.4215								
193.460		.2993	.3961	.4516	.3036	-.6246	-.4790								
197.000	.1971	.3412	.4446	.0000	.0000	-.7474	-.2787								
200.540		.2732	.4067	.3615	-.6342	-.6171	-.2616								
204.080			-.1922	-.2478	-.5489	-.5897	-.4724								
207.620				-.1338	-.6009	-.6081	-.4285								
222.840												.0681	.0691	.0723	
226.380											.0821	.0772	.0690	.0740	
229.920										.0970	.1031	.0681	.0520	.0676	
233.460									.1081	.1424	.1503	-.0221	.0000	-.0489	
237.000								.0932	.1227	.1837	.2425	.0000	-.2273		
240.540									.1202	.1064	.0000	.0000	-.0617	-.1472	-.1072
244.080										.1355	.1269				
248.200															.1596
337.670															-.1798

x/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2771	-.5012	-.5816	-.4776
237.583		.2428	.2932	-.5760	-.5148	-.4535
241.120		.2431	.2779	-.6398	-.4708	-.4769
244.660	.1889	.2285	.2608	-.5362	-.5354	-.5289
248.200	.1875	.1837	.2494	-.6533	-.5744	-.5515
251.740	.1759	.0480	-.0652	-.6710	-.4300	
255.280			-.3498	-.6482	-.8268	-.6835
323.510		-.2629	-.3438	.0000	-.8500	-.6596
327.050		-.2794	-.3805	.0000	-.8694	-.6018
330.590	-.1940	-.2938	-.3929	-.7318	-.8724	-.5201
334.130	-.2072	-.3031	-.3996		-.8659	-.5535
337.670	-.2196	-.3089	-.3961			

ALPHA(7) = 1.980   BETAO (2) = -5.980

(RB1231)

(RB11-716 IA34 OI TI2+SI2+MG3+ATIO ET ATTACH PTS.

STATION (1) ST ATTACH POINTS   DEPENDENT VARIABLE CP

X/T

PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.340				.2317	.2771	.1994	.0391								
186.380				.3165	.2958	.1757	-.0934								
189.920			.3254	.3598	.3072	-.0017	-.4225								
193.460		.2878	.3757	.4369	.2581	-.5825	-.2749								
197.000	.1944	.3109	.4070	.0000	.0000	-.6343	-.2090								
200.540		.2533	.3646	.3054	-.5298	-.4956	-.2573								
204.080			-.1364	-.1756	-.5359	-.4931	-.1439								
207.620				-.0757	-.5080	-.4863	-.4445								
222.840										.1151	.1001	.0890	.0866	.0878	
226.380										.1428	.1171	.0974	.0930	.0910	
229.920										.1554	.1345	.0991	.0891	.0904	
233.460									.1097	.1453	.2049	.0591	.0000	.0032	
237.000								.0996	.1171	.1154	.0000	.0000	.0000		
240.540									.1146		.0000	.0000	-.1657	-.0617	.1662
244.080											.1050	-.0326	-.1003	-.0617	-.1104
248.200															
237.670															

X/LT

PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4823	-.5369	-.4382
237.580		.2087		-.5572	-.4604	-.4337
241.120		.2176	.2606	-.6720	-.4420	-.4659
244.660	.1805	.2292	.2680	-.4979	-.5151	
248.200	.1800	.2359	.2905	-.5623	-.5357	
251.740	.1763	.1854	.2818			
255.280	.0595	-.0524	-.5405	-.4146		
323.510			-.6233	-.7972	-.7072	
327.050		-.3156	-.6331	-.8199	-.6766	
330.590		-.2161	-.3001	-.6105	-.8326	-.5686
334.130	-.1361	-.2216	-.3268	.0000	-.8433	-.4558
337.570	-.1391	-.2268	-.3300	.0000	-.8199	-.5138
341.210	-.1438	-.2321	-.3322	.0000		
344.750		-.2304	-.3272	-.6405		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(7) = 1.970   BETAO(3) = -3.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2743	.2543	.1764	.0161								
186.380				.2811	.2543	.1373	-.1166								
189.920			.2945	.3082	.2440	-.0408	-.3598								
193.460			.3265	.3534	.1646	-.4351	-.2036								
197.000	.2093	.2684	.3641	.0000	.0000	-.4735	-.1699								
200.540		.2974	.3668	.2934	-.4579	-.4538	-.2413								
204.080		.2512	-.0420	-.0558	-.4843	-.4211	-.3866								
207.620				.0168	-.4451	-.4106	-.3886								
222.840												.1098	.1078	.1058	
226.380											.1245	.1213	.1105	.1071	
229.920										.1451	.1568	.1216	.1071	.1065	
233.460									.1402	.1828	.2225	.0861	.0000	.0060	
237.000								.1187	.1495	.2035	.2676	.0000	.0000		
240.540									.1392	.1789	.0000	.0000	-.2119	-.0937	
244.080										.1360	.1221	-.0488	-.1269		
248.200															.1039
337.670															-.0994

X/L	.9210	.9270	.9320	.9350	.9430	.9480
PHI						
234.030				-.6639	-.5620	-.4456
237.560			.2730	-.5407	-.6933	-.4332
241.120		.2484	.2933	-.6216	-.4627	
244.560	.2088	.2543	.2959	-.4974		-.5240
248.200	.2058	.2528	.3019	-.5479		-.5298
251.740	.1999	.2025	.2885			
255.280	.0816	-.0350	-.4153			
323.510			-.6207	-.7983	-.7162	
327.050		-.3095	-.6263	-.8099	-.7153	
330.590	-.2094	-.2931	-.5954	-.8154	-.6111	
334.130	-.1267	-.2124	-.3180	.0000	-.8169	-.4532
337.670	-.1284	-.2171	.3217		-.7821	-.4934
341.210	-.1366	-.2209	-.3264	.0000		
344.750		-.2174	-.3165	-.6115		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA 4 CX+T12+512N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAQ(7) = 1.980   BETAQ(4) = -1.390

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8150	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.2664	.2304	.1520	-.0045								
186.380				.2690	.2195	.1001	-.1239								
189.920			.2966	.2843	.1934	-.0774	-.2808								
193.460		.3013	.3397	.3256	.0861	-.3592	-.1449								
197.000	.2516	.3422	.4008	.0000	.0000	-.4409	-.1244								
200.540		.3093	.4338	.3729	-.4118	-.4267	-.2642								
204.080			.0317	.0012	-.4450	-.3883	-.3756								
207.620				.0819	-.3854	-.3575	-.3381								
222.840											.1543	.1309	.1307	.1268	
226.380										.1831	.1952	.1442	.1330	.1310	
229.920									.1748	.2283	.2814	.1593	.1150	.1352	
233.460								.1464	.1814	.2463	.3066	.1210	.0000	.0172	
237.000									.1661	.2152	.0000	.0000	-.2439		
240.540												-.0529	-.1567	-.1136	
244.080										.1605	.1341				.2115
248.200															-.0961
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4933	-.5572	-.4168
237.580			.3185	-.5350	-.4824	-.4046
241.120		.2919	.3434	-.6114	-.4159	-.4255
244.660	.2359	.2931	.3251		-.4702	-.4752
248.200	.2359	.2857	.3231		-.4910	-.5080
251.740	.2248	.2388	.3111			
255.280		.1273	.0047	-.5082	-.4022	
323.510				-.6188	-.8036	-.7271
327.050			-.3011	-.6276	-.8160	-.7048
330.590		-.2026	-.2866	-.5961	-.8173	-.6335
334.130	-.1248	-.2068	-.3128	.0000	-.8165	-.4737
337.670	-.1238	-.2080	-.3160		-.7514	-.4707
341.210	-.1297	-.2138	-.3192	.0000		
344.750		-.2181	-.3135	-.6073		

ARC11-716 IA14 CA+T12+312N25+ATIO ET ATTACH PTS.

ALPHAO(7) = 1.980   BETAO (5) = .060   (RB1231)

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8260	.8340	.8390	.9160
PHI															
162.840				.2578	.2238	.1344	-.0168								
186.380				.2725	.2174	.0341	-.1180								
189.920			.3184	.3055	.1992	-.0856	-.2351								
193.460		.3339	.3785	.3742	.0945	-.2877	-.1413								
197.000	.2800	.3793	.4581	.0000	.0000	-.4173	-.1712								
200.540		.3359	.4679	.4052	-.3120	-.3698	-.3022								
204.080			.0546	-.0224	-.3460	-.3184	-.3174								
207.520				.1223	-.2882	-.2770	-.2748								
222.840											.1926	.1531	.1517	.1493	
226.380											.2460	.1733	.1579	.1592	
229.920										.2169	.3414	.1832	.1310	.1666	
233.460									.2057	.2725	.3466	.1654	.0000	.0400	
237.000								.1657	.2043	.2905	.0000	.0000	-.2851		
240.540									.1830	.2411	.1479	-.0660	-.1780	-.1236	
244.080										.1790					
248.200															.2578
337.670															-.0902

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.3948	-.4655	-.4590	-.3348
237.580		.3539	.3919	-.5080	-.3689	-.3107
241.120		.3453	.3736	-.5599	-.3187	-.3316
244.660	.2897	.3245	.3622		-.3237	-.3433
248.200	.2813	.2874	.3432		-.3485	-.3617
251.740	.2749	.1787	.0757	-.4215	-.3219	
255.280				-.6185	-.8061	-.6998
323.510					-.8165	-.7090
327.050			-.2890	-.6278	-.8155	-.6481
330.590		-.1933	-.2731	-.5940	-.8349	-.5065
334.130	-.1151	-.1936	-.3028	.0000	-.7942	-.4735
337.670	-.1181	-.2007	.3043	.0000		
341.210	-.1217	-.2033	-.3105	.0000		
344.750		-.2054	-.3063	-.6000		

ALPHA(.7) = 1.970   BETA(6) = 0.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2704	.2435	.1555	.0076								
186.360				.2863	.2420	.1120	-.0767								
189.920			.3276	.3189	.2214	-.0409	-.1582								
193.460			.3772	.3877	.1201	-.1509	-.0692								
197.000	.2873	.3340	.4340	.0000	.0000	-.3019	-.0963								
200.540		.3662	.4175	.3501	-.2144	-.2767	-.1951								
204.080		.3107	.0748	-.0234	-.2428	-.2254	-.2122								
207.620				.1243	-.1834	-.1860	-.1841								
222.840											.2180	.1933	.1860	.1889	
226.380											.2612	.2064	.1924	.1939	
229.920										.2405	.3367	.2091	.1729	.1836	
233.460									.2314	.2889	.3569	.1701	.0000	.0726	
237.000								.1952	.2282	.3049	.0000	.0000			
240.540									.2119	.2659	.0000	.0000	-.2078		
244.080										.2060	.1859	-.0130	-.1139	-.0653	
248.200															.3100
337.670															-.0863

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4750	-.3746	-.2915
237.580				-.5288	-.3002	-.2838
241.120			.4252	-.5687	-.2645	-.2752
244.660	.3369	.3969	.4425		-.2680	-.2772
248.200	.3354	.3890	.4178		-.2697	-.2813
251.740	.3312	.3740	.4122			
255.280		.3370	.3825	-.3652	-.2722	
323.510		.2615	.1506	-.6235	-.8104	-.6734
327.050			-.2725	-.6350	-.8255	-.6602
330.590	-.1810		-.2612	-.5933	-.8168	-.6307
334.130	-.1103	-.1660	-.2927	.0000	-.8312	-.4948
337.670	-.1098	-.1922	-.2972	.0000	-.7938	-.4638
341.210	-.1165	-.1995	-.3005	.0000		
344.750		-.2017	-.2982	-.5940		

ARC11-716 IA14 CL+T2+S12M25+AT10 ET ATTACH PTS.　　　(RB1231)

ALPHAO(7) = 8.050　　BETAO (7) = 4.050

SECTION (1)ET ATTACH POINTS　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.2573	.2315	.1557	.0317								
186.380				.2677	.2194	.1187	-.0215								
189.920			.3035	.2888	.1921	.0010	-.0699								
193.460		.3136	.3446	.3405	.0894	-.0686	.0105								
197.000	.2735	.3387	.3879	.0000	.0000	-.1987	.0186								
200.540		.2920	.3864	.3117	-.1649	-.2033	-.0709								
204.080			.1124	.0260	-.1825	-.1616	-.1258								
207.620				.1384	-.1269	-.1275	-.1179								
222.840												.2162	.2077	.2082	
226.380											.2389	.2204	.2070	.2060	
229.920										.2709	.2801	.2125	.1733	.2073	
233.460									.2633	.3255	.3686	.1448	.0000	.0692	
237.000								.2223	.2635	.3470	.4207	.0000			
240.540										.3104	.0000	.0000	-.1887		
244.080									.2472	.2470	.2253	.0073	-.0884	-.0493	
248.200															.3380
337.670															-.0920

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5851	-.6851	-.5415
237.580		.4909	.4909	-.6149	-.6408	-.4743
241.120		.4475	.5023	-.5416	-.5981	-.5244
244.560	.3961	.4367	.4808	-.6455	-.6451	
248.200	.3867	.4196	.4568	-.6741	-.6594	
251.740	.3650	.3779	.4059			
255.280		.3298	.1852	-.5488	-.5455	-.7072
323.510				-.6323	-.8244	-.6644
327.050			-.2791	-.6448	-.8408	
330.990	-.1130	-.1893	-.2623	-.6080	-.8333	-.6350
334.130	-.1130	-.1913	-.2968	.0000	-.8448	-.5105
337.870	-.1160	-.2000	-.2987		-.8557	-.4749
341.510	-.1240	-.2090	-.3027	.0000		
344.90		-.2052	-.2995	-.5998		

DATE 02 JAN 75   TABULATED PRESSURE DATA - ... - VOL. 11

ARC11-716 1A14 DA*112*S12N25*A110 ET ATTACH PTS.   (RB1231)

ALPHA(7) = 2.050   BETAO (8) = 6.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/CT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8190	.8230	.8280	.8340	.8390	.9180
PHI															
132.840				.2276	.2031	.1420	.0416								
186.380				.2365	.1977	.1171	.0148								
189.920			.2706	.2503	.1803	.0325	-.0038								
193.460		.2777	.2993	.2920	.0837	.0010	.0457								
197.000	.2900	.2956	.3308	.0000	.0000	-.0929	.0799								
200.540		.2677	.3320	.2660	-.1002	-.1273	.0221								
234.080			.1810	.0964	-.1036	-.0965	-.0496								
207.620				.1349	-.0665	-.0632	-.0423				.2636	.2304	.2257	.2262	
222.840										.3082	.3072	.2407	.2242	.2207	
226.380									.3025	.3659	.4032	.2259	.1795	.2213	
229.920									.3052	.4060	.4766	.1245	.0000	.0509	
233.460								.2604							
237.000									.2914	.3698	.0000	.0000	-.1760		.9180
240.540										.2949	.2759	.0280	-.0745	-.0459	.4311
244.080															-.1158
248.200															
337.670															

X/CT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5888	-.7379	-.5918
237.580			.5956	-.6071	-.7005	-.4867
241.120		.5364	.5845	-.4914	-.6656	-.5391
244.660	.4726	.5283	.5633		-.6968	-.6663
248.200	.4625	.5034	.5414		-.7087	-.7103
251.740	.4556	.4579	.4676			
255.280		.4084	.2631	-.5177	-.6211	
323.510				-.6403	-.0188	-.7733
327.050		-.2096	-.2918	-.6508	-.8379	-.7547
330.590	-.1361	-.2118	-.2784	-.6213	-.8312	-.7021
334.130	-.1393	-.2171	-.3134	.0000	-.8422	-.6085
337.670	-.1418	-.2253	-.3170	.0000	-.8206	-.5130
341.210		-.2236	-.3203	.0000		
344.750			-.3146	-.6099		

ARC11-716 1A14 O1+T12+S12N25+AT1C ET ATTACH PTS.   (RB1231)

ALPHAO(7) = 2.040   BETAO (9) = 8.090

SECTION (1)FT ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
PHI															
182.040				.1938	.1712	.1228	.0410								
186.380				.2063	.1752	.1068	.0269								
189.920			.2356	.2226	.1611	.0514	.0227								
193.480		.2375	.2600	.2582	.0796	.0455	.0568								
197.000	.1938	.2439	.2773	.0000	.0000	.0013	.1261								
200.540		.2205	.2743	.2251	.0494	.0488	.0586								
204.080			.2353	.1769	.0560	.0268	.0051								
207.620				.2248	.0212	.0063	.0235								
222.840											.2902	.2468	.2439	.2419	
226.380											.3416	.2562	.2377	.2389	
229.920										.3487	.4488	.2364	.1825	.2461	
233.480									.3408	.4166	.4488	.1080	.0000	.0513	
237.000								.2870	.3475	.4593	.5392	.0000	.1908		.4664
240.540									.3299	.4179	.0000	.0000	.0806	.0559	.1371
244.080										.3341	.3071	.0211			
248.200															
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5908	-.7801	-.6848
237.580		.6032	.6791	-.5743	-.7624	-.5270
241.120		.5973	.6657	-.4505	-.7472	-.5369
244.660	.5216	.5708	.6224	-.7358	-.6948	
248.200	.5110	.5165	.6006	-.7403	-.7482	
251.740	.4976	.4789	.4962			
255.280			.3269	-.5121	-.7132	-.8470
323.510		-.2393	-.3228	-.6636	-.8476	-.8156
327.050		-.2481	-.3115	-.6832	-.8663	-.7624
330.590	-.1746	-.2543	-.3590	-.6566	-.8504	-.6698
334.130	-.1784	-.2628	-.3572	.0000	-.8663	-.5627
337.670	-.1861	-.2600	-.3634	.0000	-.8339	
341.210			-.3577	-.6461		
344.750						

ABLATED FORCE + DATA DATA4 - VOL. 11

ARCSIN*T2* (A1) (A+T42+5.2+N25+AT10 ET ATTACH PTS.   (RB1231)

ATTACK TI = 2.020   BETAO (RD) = 10.110

SECTION ( ) NET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.040				.1729	.1596	.1280	.0637								
186.380				.1862	.1655	.1272	.0713								
189.920				.2108	.1685	.1102	.0898								
193.460			.2195	.2535	.1331	.1115	.1208								
197.000	.1590	.2272	.2525	.0000	.0000	.0977	.1806								
200.540		.2198	.2549	.2179	.0062	.0262	.1274								
204.080		.1915	.2532	.2265	.0273	.0331	.0760								
207.620			.2284	.2235	.0554	.0410	.1113				.3192	.2731	.2655	.2602	
222.640											.3765	.2805	.2630	.2595	
226.380										.3814	.4883	.2544	.1961	.2765	
229.920									.3763	.4596	.5820	.1132	.0000	.0825	
233.460								.5201	.3854	.5042		.0000			
237.000									.3654	.4638	.0000	.0000	.1757		
240.540										.3691	.3439	.0293	.0635	.0425	
244.080															.5180
248.200															.1918
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5776	-.7983	-.7160
237.580		.7008	.7008	-.5729	-.7892	-.5284
241.120		.7119	.7119	-.4386	-.7668	-.5587
244.660	.5805	.6380	.6989		-.7527	-.7357
248.200	.5637	.6375	.6567		-.7673	-.7693
251.740	.5697	.5700	.5657			
255.280		.5276	.3734	-.4807	-.7670	
323.510				-.6758	-.8585	-.9499
327.050		-.2653	-.3315	-.6949	-.8838	-.9480
330.590	-.2030	-.2730	-.3257	-.6773	-.8756	-.9114
334.130	-.2127	-.2852	-.3733	.0000	-.8878	-.7800
337.670	-.2173	-.3019	-.3781		-.8719	-.6156
341.210		-.3957	.0000	.0000		
344.750		-.3038	-.3910	-.6693		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CL+T12+512M+5+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(0) = 4.110   BETAO (1) = -10.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6250	.6280	.6340	.6390	.9160
PHI															
182.040				.2686	.2630	.2035	.0748								
186.380				.3000	.2937	.1932	-.0627								
189.920			.3163	.3602	.3215	.0342	-.4285								
193.460		.2756	.3719	.4321	.2900	-.6190	-.4914								
197.000	.1835	.3139	.4123	.0000	.0000	-.7492	-.2924								
200.540		.2437	.3675	.3127	-.6424	-.6141	-.2595								
204.080			-.2125	-.2653	-.6568	-.6009	-.4953								
237.620				-.1632	-.5973	-.6106	-.4676								
222.840											.0889	.0704	.0740	.0775	
226.380											.1076	.0776	.0790	.0795	
229.920										.1052	.1537	.0702	.0557	.0720	
233.460									.1168	.1515	.2519	-.0180	.0000	-.0571	
237.000								.1040	.1308	.2009	.0000	.0000	-.2250		
240.540									.1355	.2044	.1615	.0490	-.1461	-.0981	
244.080										.1593					.2106
248.230															-.1730
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI					.9430	.9480
234.040				-.5340	-.5668	-.4472
237.580		.2968	.2899	-.6188	-.4742	-.4489
241.120		.3115	.3344	-.6737	-.4408	-.4514
244.660	.2400	.3039	.3443	-.4495	-.4860
248.290	.2400	.2574	.3492	-.4948	-.5270
251.740	.2297	.1704	.2936		
255.280			.0431	-.5259	-.4595	-.6529
323.510				-.6468	-.8316	-.5959
327.050			-.3436	-.6657	-.8901	-.5216
330.590		-.2517	-.3366	-.6484	-.8633	-.4787
334.130	-.1880	-.2663	-.3654	.0000	-.8449	-.5273
337.670	-.1925	-.2780	-.3777	-.8056	
341.210	-.2010	-.2887	-.3950	.0000	
344.750	-.2939	-.3857	-.7343		

DATE OF RUN ...   TABULATED PRESSURE DATA   DATA ... VOL. 11

ARC11-715 VA4 1.712.S12.25.ATIO ET ATTACH PTS.   (R81231)

ALPHA ... 4.030   BETA ... -7.960

SECTION 1.07 ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3310	.3970	.4050	.4080	.4130	.4300	.4240	.8000	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2795	.2652	.1749	.0493								
186.380				.3063	.2924	.1788	-.0882								
189.920			.3161	.3553	.3088	.0104	-.4276								
193.480		.2677	.3745	.4314	.2723	-.5986	-.3657								
197.000	.1011	.3156	.4119	.0000	.0000	-.7003	-.2427								
200.140		.2525	.3696	.3178	-.5949	-.5595	-.2529								
204.080			-.1759	-.2021	-.6010	-.5634	-.4947								
207.620				-.1126	-.5667	-.5509	-.5019								
222.840												.0815	.0800	.0825	
226.380											.0923	.0872	.0800	.0825	
229.920									.1088	.1022	.1044	.0852	.0768	.0795	
233.480									.1181	.1307	.1401	.0313	.0000	-.0114	
237.000								.1022	.1226	.1641	.2028	.0000	-.1704		
240.540										.1643	.0000	.0000	-.0987	-.0538	
244.080										.1319	.1231	-.0335			
248.200															.1984
337.670															-.1335

X/T	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040				-.5248	-.5417	-.4402
237.580			.2386	-.5846	-.4537	-.4367
241.120			.3040	-.7026	-.4267	-.4516
244.680	.2194	.2608	.3256		-.4482	-.4927
248.200	.2307	.2905	.3435		-.4974	-.5240
251.740	.2319	.2909	.3185			
255.280		.2546	.0460	-.5448	-.4461	
323.510		.1614		-.6263	-.8136	-.6855
327.090			-.3215	-.6462	-.8343	-.6187
330.590		-.2250	-.3080	-.6277	-.8467	-.5284
334.130	-.1488	-.2312	-.3561	.0000	.8489	-.4599
337.670	-.1552	-.2409	-.3447		.8104	-.3128
341.810	-.1618	-.2473	-.3466	.0000		
344.790		-.2514	-.3417	-.6667		

ARC11-716 IA14 CL+T12+S12N25+AT10 ET ATTACH PTS.   (RB1251)

ALPHA0(B) =   4.190   BETA0 (B) =   -5.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.2758	.2606	.1845	.0293								
186.390				.2943	.2751	.1608	-.1058								
189.920			.3000	.3305	.2824	-.0107	-.4094								
193.480		.2577	.3393	.3990	.2299	-.5242	-.2568								
197.000	.1777	.2843	.3645	.0000	.0000	-.5514	-.2045								
200.540		.2263	.3291	.2562	-.5008	-.4770	-.2468								
204.080			-.1244	-.1766	-.5093	-.4807	-.4189								
207.620				-.0692	-.4867	-.4595	-.4353								
222.840												.1055	.0995	.0027	
226.380										.1261	.1155	.1126	.0997	.1034	
229.920									.1243	.1506	.1337	.1109	.0982	.1007	
233.460								.1106	.1317	.1678	.1764	.0653	.0000	.0136	
237.000									.1239	.1543	.2154	.0000	-.1475	-.0494	
240.540											.1042	-.0275	-.0035		
244.080															.1751
248.200															-.1106
337.670															

X/T	.0210	.9270	.9320	.9350	.9430	.9480
PHI

234.040			.2241	-.5117	-.5404	.6440
237.580		.2223	.2665	.5729	-.4705	-.4375
241.120		.2395	.2665	.6205	-.4228	-.4491
244.680	.1808	.2424	.2751	-.4670	-.5020
248.200	.1948	.2096	.2952	-.5295	-.5284
251.740	.1931	.1200	.2829		
255.280			-.5515	-.4356	-.6925
323.510			-.6253	-.8081	-.6529
327.050		-.8091	-.6344	-.6228	-.5578
330.590	-.8114	-.2947	-.6115	-.4161	-.4398
334.130	-.1338	-.2124	-.3200	.0000	.7950	-.4948
337.670	-.1340	-.2164	-.3250	.0000	
341.210	-.1356	-.2213	-.3265	-.6371	
344.750		-.2258	-.3106		

PRESSURE DATA (...)

ALPHA(B) = 4.160   BETA(B) = -3.960

PRESSURE DATA (INTERFERENCE) RATIO ET ATTACH PTS.   (SG125U)

SECTION (IJET ATTACH POINTS.)   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4090	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2596	.2338	.1561	.0004					.1202	.1153	.1169	
186.380				.2604	.2316	.1133	-.1259					.1315	.1176	.1213	
189.920			.2633	.2734	.2098	-.0534	-.3466					.1354	.1107	.1187	
193.460		.2577	.2953	.3227	.1180	-.3894	-.1996					.1070	.0000	.0135	
197.000	.2041	.2880	.3472	.0000	.0000	-.4419	-.1602					.0000	-.1806		
200.540		.2908	.3521	.2910	-.4512	-.4440	-.2382					-.0348	-.1077	-.0793	
204.080			-.0544	-.0553	-.4813	-.4178	-.3825								
207.620				.0197	-.4427	-.3959	-.3720								
222.840										.1539	.1374				
226.380									.1470	.1885	.1641				
229.920									.1519	.2123	.2281				
233.460								.1318	.1448	.1863	.2673	.1070	.0000		
237.000											.0000	.0000	-.1806		
240.540										.1458	.1180	-.0348	-.1077	-.0793	
244.080															.1901
248.200															-.0982
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5088	-.5519	-.4359
237.580			.2706	-.5579	-.4796	-.4243
241.120		.2494	.3045	-.6332	-.4306	-.4396
244.660	.2056	.2541	.3006		-.4703	-.4843
248.200	.2102	.2504	.2917		-.4998	-.5234
251.740	.2090	.2147	.2721			
255.280		.1321	.0085	-.5219	-.4238	-.7116
323.510				-.6218	-.8070	-.6791
327.050			-.3065	-.6293	-.8208	-.6791
330.510		-.2076	-.2894	-.6024	-.8260	-.5755
334.130	-.1205	-.2054	-.3127	.0000	-.8077	-.4533
337.670	-.1203	-.2109	-.3125	.0000		-.4770
341.210	-.1249	-.2111	-.3164		-.7364	
344.790		-.2097	-.3110	-.6137		

ARC11-716 IA14 Q1+T12+S12M25+AT10 ET ATTACH PTS.　　　　　　(RB1231)

ALPHAO(8) = 4.040　BETAO (5) = -1.980

SECTION (1)ET ATTACH POINTS　　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2476	.2110	.1321	-.0056								
186.300				.2439	.2078	.0809	-.1127								
189.920			.2812	.2632	.1763	-.0822	-.2390								
193.460		.2832	.3203	.3094	.0616	-.3464	-.1324								
197.000	.2393	.3247	.3891	.0000	.0000	-.4168	-.1093								
200.540		.2878	.4128	.3411	-.3871	-.4168	-.2393								
204.080			.0223	-.0229	-.4165	-.3663	-.3474								
207.620				.0691	-.3709	-.3323	-.3273								
222.840											.1648	.1430	.1386	.1322	
226.300											.2079	.1555	.1445	.1376	
229.920									.1861	.1947	.2900	.1636	.1349	.1393	
233.460										.2373					
237.000							.1619		.1920	.2584	.3187	.1347	.0000	.0274	
240.540									.1790	.2177	.0000	.0000	-.2130		
244.080										.1675	.1411	-.0372	-.1319	-.0938	
248.200															.2256
337.670															-.0900

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5048	-.5471	-.4102
237.580			.3234	-.5460	-.4543	-.4041
241.120		.3046	.3515	-.6148	-.4013	-.4132
244.660	.2454	.3094	.3549		-.4285	-.4716
248.200	.2486	.3014	.3378		-.4795	-.4862
251.740	.2441	.2626	.3097	.0000		
255.280		.1759	.0481	-.4952	-.4046	
323.510				-.6167	-.8025	-.7231
327.050			-.2882	-.6272	-.8136	-.7053
330.590		-.1883	-.2744	-.5969	-.8131	-.6130
334.130	-.1160	-.1907	-.2981	.0000	-.7931	-.4618
337.670	-.1159	-.1937	-.3029		-.7299	-.4785
341.210	-.1105	-.1971	-.3039	.0000		
344.750		-.1956	-.2978	-.6016		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ALPHA(8) = 4.050   BETA(6) = .030   ARC11-716 (A14 CA+T12-S12*C25+A710 ET ATTACH PTS.   (R81231)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2550	.2002	.1348	-.0125								
186.380				.2687	.2163	.0836	-.1086								
189.920			.3140	.2993	.1928	-.0813	-.2245								
193.460		.3216	.3710	.3723	.0907	-.2779	-.1344								
197.000	.2677	.3678	.4489	.0000	.0000	-.4209	-.1631								
200.540		.3248	.4557	.3967	-.3060	-.3656	-.2904								
204.080			.0484	-.0425	-.3376	-.3089	-.3140								
207.620				.1174	-.2741	-.2678	-.2734								
222.840											.2026	.1705	.1665	.1616	
226.380											.2563	.1889	.1734	.1717	
229.920										.2301	.3476	.2031	.1576	.1800	
233.460									.2154	.2819	.3511	.1756	.0000	.0656	
237.000								.1791	.2144	.2890	.0000	.0000			
240.540									.1962	.2463	.1611	-.0359	-.2441		
244.080										.1884			-.1399	-.0891	
248.200															.2706
337.670															-.0745

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4732	-.4076	-.3204
237.580			.4086	-.5085	-.3602	-.3071
241.120		.3632	-.147	-.5697	-.3047	-.3199
244.660	.3028	.3601	.3944		-.3138	-.3199
248.200	.2967	.3390	.3846		-.3362	-.3251
251.740	.2905	.3030	.3471			
255.280		.2292	.1067	-.3935	-.3202	
323.510				-.6129	-.8041	-.7478
327.050			-.2756	-.6221	-.8164	-.7436
330.590		-.1781	-.2600	-.5910	-.8169	-.6826
334.130	-.1003	-.1791	-.2895	.0000	-.8266	-.5109
337.670	-.1001	-.1860	-.2936		-.7767	-.4899
341.210	-.1036	-.1905	-.2948	.0000		
344.750		-.1877	-.2898	-.5915		

ARC11-716 1A14 Q4+T12+S12N25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(8) = 4.050   BETAO (7) = 2.050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI
182.840				.2652	.2400	.1555	.0093								
186.380				.2825	.2349	.1106	-.0694								
189.920			.3145	.3132	.2144	-.0306	-.1369								
193.460		.3084	.3541	.3747	.1233	-.1484	-.0468								
197.000	.2643	.3384	.3985	.0000	.0000	-.2880	-.0524								
200.540		.2852	.3816	.3147	-.2214	-.2736	-.1690								
204.080			.0686	-.0368	-.2462	-.2197	-.2032								
207.620				.1097	-.1860	-.1906	-.1895								
222.840											.2284	.2047	.2009	.2036	
226.380											.2654	.2152	.2014	.2083	
229.920									.2469	.3208	.2152	.1879	.2062		
233.460								.2847	.3593	.1508	.0000	.0959			
237.000							.2087	.2361	.3062	.0000	.0000	-.1590			
240.540								.2437	.2827	.2137	.0235	-.0669	-.0201		
244.080								.2268	.2259						
248.200															.3141
337.670															-.0718

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI
234.040				-.4693	-.3513	-.2900
237.580			.4188	-.5393	-.2863	-.2843
241.120		.4024	.4437	-.5827	-.2673	-.3260
244.660	.3456	.3973	.4325		-.2671	-.2646
248.200	.3424	.3887	.4334		-.2759	-.2801
251.740	.3416	.3499	.3919			
255.280		.2851	.1590	-.3531	-.2791	
323.510				-.6110	-.8018	-.6700
327.050			-.2642	-.6226	-.8156	-.6855
330.590		-.1698	-.2508	-.5869	-.8116	-.6359
334.130	-.0939	-.1720	-.2795	.0000	-.8301	-.5213
337.670	-.0936	-.1785	-.2863		-.7857	-.4636
341.210	-.1004	-.1849	-.2878	.0000		
344.750		-.1829	-.2851	-.5864		

C 1L 07 JAN 71   REDUCED PRESSURE DATA - RUN 4A - VOL. 11

ARROW/TIE GAS OUT=TIE-012N25+RATIO ET ATTACH PTS.   (RB1231)

ALPHAO(5) = 4.030   BETAO(8) = 4.050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.6180	.8250	.8280	.8340	.8390	.9160
PHI														
182.840				.2474	.2219	.1526	.0336								
186.380				.2520	.2150	.1150	-.0154								
189.920			.2775	.2652	.1881	.0094	-.0578								
193.460		.2746	.3010	.3095	.0949	-.0923	.0236								
197.000	.2430	.2907	.3340	.0000	.0000	-.1719	.0461								
200.540		.2501	.3245	.2517	-.1672	-.2083	-.0203								
204.080			.1026	.0141	-.1801	-.1609	-.1159								
207.620				.0973	-.1332	-.1290	-.1188								
222.840											.2414	.2198	.2201	.2167	
226.380											.2789	.2281	.2164	.2162	
229.920										.2726	.3665	.2217	.1886	.2146	
233.460									.2707	.3271	.4294	.1290	.0000	.0778	
237.000								.2385	.2741	.3566	.0000	.0000			
240.540									.2609	.3239	.0000	.0000	-.1643		
244.080										.2601	.2441	.0329	-.0617	-.0185	.3571
337.670															-.0883

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI							
234.040				-.5653	-.6950	-.5345
237.580		.4494	.4967	-.6127	-.6387	-.4801
241.120		.1472	.5008	-.5544	-.5666	-.5281
244.660	.3908	.4275	.4932	-.6298	-.6255	
248.200	.3773	.3915	.4714		-.6617	-.6535
251.740	.3753	.3272	.4125			
255.280			.1787	-.5539	-.5276	
323.510				-.6243	-.8221	-.6657
327.050		-.2656	-.6387	-.8342	-.6387
330.590		-.2539	-.6039	-.8260	-.6021
334.130	-.1025	-.1764	-.2854	.0000	-.8392	-.5126
337.670	-.1017	-.1863	-.2906	.0000	-.7818	-.4668
341.210	-.1060	-.1930	-.2953	.0000		
344.750		-.1947	-.2901	-.5960		

ARC11-716 1A14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(8) = 4.020   BETAO(9) = 5.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.2112	.1813	.1254	.0288								
186.380				.2129	.1759	.1005	-.0030								
189.920			.2305	.2210	.1571	.0193	-.0229								
193.460		.2330	.2550	.2577	.0716	-.0256	.0386								
197.000	.2082	.2489	.2854	.0000	.0000	.0974	.0633								
200.540		.2293	.2822	.2151	-.1100	-.1375	.0065								
204.080	.		.1745	.0949	-.1198	-.0966	-.0599								
207.620				.1101	-.0937	-.0711	-.0575								
222.840											.2689	.2444	.2368	.2368	
226.380											.3146	.2562	.2363	.2334	
229.920										.3114	.4077	.2345	.1976	.2277	
233.460									.3080	.3738	.4782	.1377	.0000	.0742	
237.000								.2689	.3161	.4058	.0000	.0000	-.1585		
240.540									.2979	.3741	.2824	.0483	-.0532	-.0106	
244.080										.2987					
248.200															.4167
337.670															-.1026

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5747	-.7203	-.5966
237.580		.5141	.5930	-.6018	-.6912	-.4809
241.120		.5114	.5835	-.4991	-.6460	-.5220
244.660	.4468	.4942	.5474	-.6742	-.6527	
248.200	.4443	.4425	.5261	-.6833		-.6905
251.740	.4416		.4425			
255.280		.3956	.2385	-.5393	-.5916	-.6947
323.510				-.6327	-.8217	-.6804
327.050		-.1901	-.2801	-.6480	-.8402	-.6302
330.590		-.1909	-.2672	-.6191	-.8318	-.5484
334.130	-.1223	-.2050	-.2979	.0000	-.8442	-.4886
337.670	-.1203	-.2114	-.3060	.0000		
341.210	-.1250	-.2114	-.3080			
344.750			-.3043	-.6077		

ARC11-716 1A14 CA+TI2+S12H25+ATIO ET ATTACH PTS.   (RB1231)

ALPHA0(B) = 4.010   BETA0 (1G) = 6.100

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.9070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1701	.1532	.1055	.0344								
186.380				.1804	.1530	.0894	.0202								
189.920			.1995	.1943	.1395	.0412	.0082								
193.460		.1941	.2198	.2256	.0711	.0175	.0461								
197.000	.1456	.2063	.2332	.0000	.0000	-.0169	.1048								
200.540		.1796	.2325	.1919	-.0636	-.0665	.0583								
204.080			.1938	.1579	-.0753	-.0451	-.0159								
207.620				.1884	-.0446	-.0337	.0031								
222.840											.3041	.2656	.2638	.2594	
226.380											.3551	.2769	.2555	.2552	
229.920										.3576	.4560	.2572	.2131	.2641	
233.460									.3483	.4214		.1454	.0000	.0880	
237.000								.2938	.3524	.4528	.5325	.0000	-.1610		
240.540									.3262	.4145	.0000	.0464	-.0482	-.0169	
244.080										.3311	.3083				
248.200															.4441
337.670															-.1328

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5764	-.7494	-.6562
237.580			.6611	-.5653	-.7307	-.5008
241.120			.6236	-.4711	-.7144	-.5329
244.660	.5037	.5750	.5983		-.7043	-.6609
248.200	.4889	.5542	.5784		-.7132	-.7162
251.740	.4712	.5476	.4657			
255.280		.4247	.2843	-.5145	-.6359	-.7123
323.510				-.6475	-.8281	-.6989
327.030		-.2172	-.2987	-.6636	-.8472	-.6989
330.590			-.2871	-.6401	-.8395	-.6505
334.130	-.1505	-.2184	-.3225	.0000	-.8500	-.6159
337.670	-.1510	-.2345	-.3319		-.7933	-.5250
341.210	-.1507	-.2430	-.3398	.0000		
344.750		-.2440	-.3326	-.6293		

ARC11-716 IA14 OA+T12+S12N25+AT1O ET ATTACH PTS.   (RB1231)

ALPHA0(8) = 4.000   BETAO (11) = 10.130

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1431	.1349	.1043	.0457								
186.380				.1608	.1396	.1038	.0583								
189.920			.1780	.1781	.1432	.0879	.0732								
193.460		.1607	.1941	.2064	.1155	.0774	.1054								
197.000	.0043	.1514	.1956	.0000	.0000	.0804	.1510								
200.540		.1267	.1831	.1474	-.0047	.0310	.1273								
204.080			.1499	.1618	.0089	.0193	.0703								
207.620				.1471	.0262	.0296	.0946								
222.840												.2903	.2802	.2817	
226.380												.3025	.2799	.2804	
229.920												.2825	.2351	.2961	
233.460										.3838	.3346	.1672	.0000	.1138	
237.000									.3765	.4551	.3919				
240.540								.3202	.3833	.4918	.5910				
244.080									.3576	.4416	.5700	.0000	-.1487	-.0134	
248.200										.3589	.0099	.0582	-.0409		.4829
337.670											.3273				-.1757

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5796	.7726	-.7114
237.580				-.5705	-.7537	-.5507
241.120			.6837	-.4434	-.7505	-.5433
244.660		.6089	.6680		-.7337	-.7109
249.200	.5329	.5906	.6585		-.7303	-.7336
251.740	.5310	.5864	.6085			
255.280	.5261	.5515	.5144	-.5092	-.7050	
323.510		.4982	.3403	-.6645	-.8447	-.7533
327.050			-.3231	-.6801	-.8622	-.7845
330.590		-.2559	-.3159	-.6624	-.8523	-.7380
334.130	-.1858	-.2561	-.3591	.0000	-.8560	-.6402
337.670	-.1935	-.2697	-.3691		-.7944	-.5718
341.210	-.2000	-.2852	-.3769	.0000		
344.750		-.2853	-.3784	-.6562		

TABULATED PRESSURE DATA - TAB4A - RUN 11

ARBIT 736 1A14 CONFIGURATION24ATIO ET ATTACH PTS.   (RB1231)

Q-MACH(9) =   6.000   BETAD (11) = -9.980

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
162.840				.2415	.2399	.1652	.0658								
186.380				.2756	.2636	.1698	-.0647								
189.920			.2915	.3249	.2818	.0168	-.4098								
193.460		.2567	.3386	.3871	.2465	-.5979	-.4196								
197.000	.1694	.2871	.3704	.0000	.0000	-.6984	-.2726								
200.540		.2145	.3263	.2636	-.6318	-.5853	-.2217								
204.080			-.2262	-.2441	-.6306	-.5848	-.4895								
207.620				-.1513	-.5672	-.5940	-.4657								
222.840											.0858	.0757	.0839		
226.380											.0903	.0762	.0796		
229.920										.0962	.0846	.0754	.0771		
233.460									.1097	.1084	.0212	.0000	-.0237		
237.000								.1127	.1424	.1436	.2222				
240.540							.1046	.1314	.1796	.2222	.0000	-.1838			
244.080								.1333	.1862		.0000	-.1102	-.0625		
248.200										.1471	.1517	-.0340			.2216
337.670															-.1749

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5116	-.5619	-.4440
237.580			.2641	-.5965	-.4610	-.4480
241.120		.3034	.3345	-.6922	-.4341	-.4606
244.660	.2540	.3368	.3788		-.4724	-.5082
248.200	.2649	.3420	.3896		-.5266	-.5460
251.740	.2720	.3036	.3420			
255.280		.2289	.1072	-.5299	-.4723	-.6732
323.510				-.6487	-.8341	-.6198
327.050		-.3375	-.3325	-.6658	-.8608	-.5437
330.590	-.1882	-.2523	-.3325	-.6487	-.8755	-.4890
334.130	-.1952	-.2630	-.3645	.0000	-.8668	-.5306
337.670	-.2039	-.2764	-.3763		-.8601	
341.210		-.2888	-.3842	.0000		
344.750		-.2903	-.3832	-.7016		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CL+TI2+312N2S+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(B) = 5.930   BETAO(2) = -7.960

SECTION (1)ET ATTACK POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2993	.2447	.1829	.0498								
186.360				.2808	.2667	.1619	-.0829								
189.920			.2929	.3267	.2835	.0041	-.4058								
193.480		.2990	.3362	.4021	.2382	-.5613	-.3342								
197.000	.1745	.2875	.3708	.0000	.0000	-.6293	-.2327								
200.540		.2184	.3321	.2701	-.5663	-.5261	-.2435								
204.080				-.2166	-.5705	-.5261	-.4594								
207.620				-.1103	-.5392	-.5201	-.4722								
222.840												.0930	.0914	.0990	
226.380											.1026	.1009	.0938	.0970	
229.920										.1130	.1146	.0970	.0943	.0919	
233.480									.1162	.1309	.1425	.0634	.0000	.0231	
237.000								.1069	.1218	.1397	.1893	.0000	.0000		-.1196
240.540									.1245	.1693	.0000	.0000	-.0640	-.0195	
244.080										.1358	.1273	-.0062			
248.200															.1993
337.670															-.1278

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5019	-.5388	-.4385
237.580		.2497	.2133	-.5722	-.4553	-.4358
241.120			.2818	-.6987	-.4383	-.4523
244.660	.2156	.2890	.3298		-.4659	-.4943
248.200	.2342	.3022	.3540		-.5169	-.5356
251.740	.2414	.2719	.3398			
255.280		.2045	.0855	-.5341	-.4665	
323.510				-.6219	-.8139	-.6873
327.050			-.3125	-.6435	-.8365	-.6176
330.590		-.2183	-.3006	-.6213	-.8537	-.5344
334.130	-.1484	-.2252	-.3274	.0000	-.8631	-.4659
337.670	-.1496	-.2319	-.3371		-.8466	-.5157
341.210	-.1590	-.2281	-.3361	.0000		
344.750		-.2450	-.3356	-.6627		

DATE 07 JAN 75   TABULATED PRESSURE DATA - CANADA - VOL 11

(R51231)

ARC11-716 DATA ... RATIO ET ATTACH ...

A. ... = 5.960   BETA ... = -5.960

SECTION ... FIRST ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/C	.3310	.3370	.4020	.4080	.4130	.4180	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
182.840				.2606	.2453	.1784	.0304								
186.380				.2719	.2544	.1508	-.1016								
189.320			.2767	.3036	.2600	-.0169	-.3844								
193.460			.3077	.3672	.1969	-.4573	-.2495								
197.000		.2382	.3289	.0000	.0000	-.4874	-.2910								
200.540	.1703	.2350	.3074	.2224	-.4745	-.4600	-.2413								
214.080		.2061	-.1043	-.1491	-.4949	-.4331	-.3996								
217.620				-.0526	-.4576	-.4249	-.4066								
222.840											.1272	.1171	.1109	.1145	
226.380											.1438	.1238	.1109	.1182	
229.920									.1343	.1392	.1781	.1257	.1187	.1158	
233.460								.1389	.1568	.2023	.1020	.0000	.0421	
237.000							.1221	.1345	.1727	.0000	.0000			
240.540								.1617	.1167	.0018	-.1123	-.0124		
244.080								.1321			-.0515			.1609
248.200														-.0965
337.670														

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5083	-.5271	-.4304
237.580			.2143	-.5583	-.4569	-.4351
241.120		.2219	.2663	-.6781	-.4444	-.4481
244.660	.1941	.2414	.2871		-.4690	-.4...
248.200	.2032	.2546	.3027		-.5022	-.53.
251.740	.2160	.2284	.2859			
251.280		.1733	.0446	-.5324	-.4466	
323.510				-.6117	-.6027	-.6892
327.050			-.2955	-.6263	-.8187	-.6511
330.590		-.1974	-.2800	-.6017	-.6273	-.5480
334.130	-.1216	-.1979	-.3054	.0000	-.6231	-.4454
337.670	-.1231	-.2019	-.3098		-.8019	-.4868
341.210	-.1234	-.2075	-.3103	.0000		
344.750		-.2077	-.3066	-.6268		

ARC11-716 IA14 Q4+T12+S12M25+AT10 ET ATTACH PTS.   (RB1231)

ALPHA0(8) = 5.950   BETA0 (4) = -3.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.2994	.2153	.1416	.0076								
186.380				.2596	.2136	.0995	-.1196								
189.920			.2530	.2567	.1514	-.0613	-.3128								
193.460		.2462	.2837	.2937	.0873	-.3662	-.1803								
187.000	.1965	.2764	.3400	.0000	.0000	-.4339	-.1437								
200.540		.2396	.3521	.2774	-.4247	-.4334	-.2393								
204.080			-.0236	-.0603	-.4523	-.4903	-.3667								
207.620				.0127	-.4160	-.3773	-.3645								
222.840												.1329	.1338	.1381	
226.380											.1461	.1412	.1353	.1381	
229.920										.1615	.1671	.1427	.1338	.1306	
233.460									.1612	.1927	.2177	.1190	.0000	.0421	
237.000								.1410	.1612	.2076	.2497	.0000			
240.540									.1544	.1879	.0000	.0000	-.1397		
244.080										.1510	.1290	-.0083	-.0798	-.0358	
248.200															.0020
337.671															-.0082

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5028	-.5394	-.4246
237.580			.2576	-.5519	-.4684	-.4293
241.120		.2324	.3024	-.6391	-.4272	-.4465
244.660	.2172	.2742	.3144	-.4679	-.4986	-.4986
248.200	.2307	.2768	.3283	-.4989	-.5165	
251.740	.2358	.2400	.2856			
255.280	.1868	.1868	.0534	-.5016	-.4367	
323.510				-.6072	.7991	.7224
327.050		-.2050	-.2050	-.6175	.8104	.6602
330.990		-.1827	-.2628	-.5885	.8155	.5858
334.130	-.1047	-.1857	-.2914	.0000	.8050	.4514
337.670	-.1032	-.1072	-.2938	.0000	.7627	.4851
341.810	-.1003	-.1806	-.2923	.0000		
344.750		-.1801	-.2874	-.6023		

ASSASTED REGRESSION DATA - TABLE - VERT 11

AECH-71E DATA (SE712) SEPARATID BY ATTACH PTS.   (RB123:)

A...:5.'90.5   5.240   BETA5 X 5: E   1.960

SECTI / - INDEX ATTACH POINTS   DEPENDENT VARIABLE CG

x./.T	.5910	.5975	.4020	.4080	.4100	.4130	.4240	.3070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2411	.2058	.132	.0118								
186.380				.2435	.2033	.0867	.1148								
189.920				.2596	.1796	.0790	.2568								
193.460			.2753	.3074	.0630	.3274	.1358								
197.000		.2771	.3125	.0000	.0000	.4230	.1131								
200.540	.2374	.3169	.3801	.3201	.3865	.4230	.2407								
204.080		.2761	.3982	.0347	.4235	.3715	.3447								
207.620			.0138	.0562	.3722	.3413	.3358								
222.840												.1487	.1485	.1497	
226.380											.1703	.1654	.1551	.1497	
229.920											.2113	.1779	.1478	.1489	
233.460									.1886	.1947	.2806	.1480	.0000	.0458	
237.000								.1628	.1935	.2345	.3078	.0000	.1703		
240.540									.1802	.2907	.0000	.0163	.0899	.0656	
244.080										.2242	.1467				
248.290										.1719					.2376
337.670															.0700

x./.T	.9210	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040				.4912	.5346	.4050									
237.580			.2999	.5485	.4541	.4021									
241.120		.3002	.3428	.6213	.4032	.4241									
244.660	.2495	.3141	.3545		.4477	.4621									
248.200	.2406	.3080	.3514		.4786	.5016									
251.740	.2448	.2740	.3031												
255.280		.2115	.0555	.4782	.4172										
323.510				.6122	.7993	.7326									
327.050			.2811	.6206	.8126	.7079									
330.590			.2591	.5865	.6151	.6741									
334.130	.0827	.1754	.2848	.0000	.7978	.4798									
337.670	.0929	.1764	.2864		.7256	.4865									
341.210	.0982	.1811	.2872	.0000											
344.750		.1784	.2872	.5924											
		.1815	.2795												

ARC11-716 IA14 OL+T12+S12N25+AT10 ET ATTACH PTS.   (RB12531)

ALPHA0(0) =   5.040   BETA0 (0) =   .040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI / x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9120
182.840				.2999	.2906	.1445	-.0078								
186.380				.2695	.2213	.0928	-.1124								
189.920			.3022	.2982	.2017	.0719	-.2363								
193.480			.3531	.3655	.1075	-.2611	-.1214								
197.000	.2518	.3020	.4178	.0000	.0000	-.3942	-.1319								
200.540		.3448	.4175	.3527	-.3037	-.3633	-.2738								
204.080		.2951	.0486	-.0646	-.3448	-.3061	-.3015								
217.620				.0994	-.2628	-.2660	-.2793								
222.640											.2044	.1803	.1732	.1762	
226.380											.2496	.1951	.1841	.1860	
229.920									.7266		.3240	.2093	.1841	.1073	
233.480								.2057	.2635		.3243	.2029	.0000	.0064	
237.000							.1802	.2080	.2645	.3243	.0000	.0000			
240.540									.2301	.2301	.0000	.0000	-.1780	-.0282	
244.080								.1937	.1898	.1535	-.0064	-.0918	-.0918		
248.200															.2622
337.670															-.0623

PHI / x/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040		.3390	.3666	-.4608	-.4365	-.3335
237.580		.3213	.3811	-.5139	-.3719	-.3271
241.120		.3258	.3636	-.5965	-.3459	-.1253
244.640	.2894	.2993	.3634	.0000	-.3435	-.3456
248.200	.2847	.2355	.3268	.0000	-.3731	-.3798
251.740	.2906		.1190	-.3958	-.3590	
255.280				-.8157	-.7985	-.7803
323.510			-.2668	-.8158	-.8123	-.7766
327.050		-.1659	-.2520	-.5798	-.8141	-.6932
330.590	-.0911	-.1666	-.2753	.0000	-.8249	-.5156
334.190	-.0854	-.1716	-.2613	.0000	-.7769	-.5186
337.670	-.0820	-.1748	-.2800	.0000		
341.210		-.1721	-.2714	-.5800		
344.790						

DATE 01 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARL.1-716 1A14 D1+(12+5)BN25+A110 ET ATTACH PTS.   (Ro1231)

A(...) 91 = 5.860   BETAO = 71 = 6.060

SECTION INLET ATTACH POINTS   DEPENDENT VARIABLE CP

	.3910	.3970	.4020	.4030	.4170	.4030	.4200	.9070	.9120	.6160	.6230	.8200	.8340	.8390	.9130
RH															
182.840				.2601	.2348	.1543	.0118								
186.380				.2743	.2297	.1174	-.0620								
189.920			.2967	.2972	.2173	-.0283	-.1334								
193.460			.3285	.3655	.1330	-.1744	-.0252								
197.000	.2426	.2894	.3688	.0000	.0000	-.2758	-.0175								
200.540		.3062	.3439	.7746	-.2323	-.2806	-.1247								
204.080		.2553	.0545	-.0554	-.2642	-.2283	-.1906								
207.620				.0830	-.2027	-.1930	-.2004								
222.840											.2326	.2175	.2138	.2126	
226.380											.2630	.2292	.2141	.2178	
229.920									.2409	.2517	.3202	.2228	.2016	.2095	
233.460									.2504	.2866	.3681	.1742	.0000	.1108	
227.000							.2201		.2336	.2944	.0000	.0000	.0000		
240.540										.2827	.2138	.0422	-.1103	.0057	
244.080										.2343			-.0220		.3239
337.670															-.0572

XLT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			-.4793	-.3517	-.3089	
237.580		.3893	.4117	-.5356	-.3163	-.3109
241.120		.4128	.4464	-.5769	-.3910	-.2939
244.660	.3491	.4101	.4352		-.2860	-.3033
248.200	.3655	.3698	.4388		-.3111	-.3173
251.740	.3716	.3236	.3922			
255.280			.1947	-.3591	-.2930	
323.510				-.5966	-.7867	-.7864
327.050		-.1592	-.2589	-.6100	-.8008	-.7616
330.590		-.1599	-.2426	-.5765	-.8022	-.7234
334.130	-.0844	-.2707		.0000	-.8214	-.5745
337.670	-.0825	-.1669	-.2672		-.7927	-.4903
341.210	-.0844	-.1718	-.2723	.0000		
344.750		-.1680	-.2691	-.5731		

DATE 07 JUN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T18*S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(9) = 5.090   BETAO (8) = 4.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.2439	.2251	.1477	.0327								
186.380				.2380	.2053	.1069	-.0134								
189.920			.2551	.2512	.1830	.0021	-.0603								
193.460		.2465	.2747	.2911	.0919	-.1116	.0264								
197.000	.2106	.2575	.2943	.0000	.0000	-.1598	.0447								
200.540		.2182	.2842	.2160	-.1888	-.2220	-.0005								
204.080			.0919		-.1983	-.1688	-.1184								
207.620			-.0082	.0650	-.1542	-.1493	-.1425								
222.840										.3013	.2673	.2435	.2421	.2409	
226.380										.3445	.3104	.2545	.2409	.2416	
229.920									.2901	.3641	.3828	.2538	.2146	.2407	
233.460								.2521	.2959	.3293	.4470	.1720	.0000	.1090	
237.000									.2754	.2727	.0000	.0000	-.1422		
240.540											.2489	.0471	-.0427	.0030	
244.080															
248.200															
337.670														.3805	-.0657

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5800	-.7075	-.5980
237.580			.5221	-.6220	-.6670	-.4896
241.120		.4842	.5258	-.5281	-.6094	-.5196
244.560	.4220	.4670	.5160		-.6461	-.6531
248.200	.4028	.4562	.4817		-.6582	-.6641
251.740	.3923	.4197	.4095			
255.280		.3636	.2036	-.5328	-.5680	
323.510			-.2498	-.6099	-.8013	-.7054
327.050			-.2391	-.6211	-.8178	-.6980
330.590		-.1674	-.2700	-.5841	-.8159	-.6765
334.130	-.0109	-.1662	-.2793	.0000	-.8300	-.5596
337.670	-.0841	-.1680	-.2798	.0000	-.7800	-.4877
341.210		-.1788	-.2798	-.3814		
344.750	-.0699	-.1788	-.2788			

RUN1-710 0414 04+(12+512+02N25*A110 ET ATTACH PTS.   (RB1231)

ALPHAO(9) = 5.953   BETAO (9) = 6.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8100	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1990	.1714	.1099	.0228								
186.380				.1980	.1643	.0838	-.0179								
189.920			.2180	.2112	.1472	.0085	-.0417								
193.460		.2065	.2312	.2495	.0787	-.0603	.0235								
197.000	.1821	.2195	.2522	.0000	.0000	-.1154	.0479								
200.540		.1990	.2592	.1859	-.1366	-.1627	.0079								
204.080			.1404	.0557	-.1402	-.1160	-.0818								
207.620				.0833	-.1125	-.0917	-.0791								
222.640															
226.380										.3326	.2997	.2708	.2618	.2665	
229.920									.3213	.3963	.3496	.2835	.2621	.2646	
233.460									.3336	.4266	.3410	.2740	.2343	.2650	
237.000									.3113	.2879	.5024	.1979	.0000	.1106	
240.540								.2861		.3054					
244.080											.0000	.0000	-.1406		
248.200											.2779	.0531	-.0357	-.0008	
337.670														.4348	-.0060

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5791	-.7341	-.6175
237.580				-.5983	-.7124	-.4826
241.120				-.4865	-.6797	-.5245
244.660	.4710	.5321	.5825		-.6821	-.6744
248.200	.4611	.5311	.6057	.5453	-.6888	-.6947
251.740	.4570	.5027				
255.280	.4592	.4505				
323.510	.4271	.2702	-.5141	-.6012		
327.050		-.2669	-.6138	-.7990	-.8219	-.7172
330.590	-.1796	-.2546	-.6302	-.8125		-.6913
334.130	-.1037	-.1796	-.2882	-.5992		-.6644
337.670	-.1052	-.1868	-.2919	.0000	-.8317	-.5772
341.210	-.1133	-.1979	-.2919	.0000	-.7780	-.5114
344.790		-.1955	-.2902	-.5935		

ARC11-716 1A14 CL+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO; 9) =   6.020   BETAO (10) =   8.130

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1646	.1494	.1026	.0291								
186.380				.1670	.1431	.0796	.0040								
189.920			.1722	.1658	.1235	.0215	-.0114								
193.460			.1802	.2013	.0684	-.0170	.0455								
197.000	.0935	.1468	.1885	.0000	.0000	-.0444	.0685								
200.540		.1546	.1849	.1440	-.0947	-.0858	.0502								
204.080		.1346	.1373	.1035	-.0994	-.0673	-.0323								
207.620				.1277	-.0651	-.0481	-.0310								
222.840											.3293	.2918	.2834	.2829	
226.380											.3795	.3016	.2831	.2611	
229.920										.3722	.4868	.2955	.2519	.2891	
233.460									.3583	.4312	.5395	.2107	.0000	.1197	
237.000								.3074	.3627	.4674					
240.540									.3416	.4190	.0000	.0000	-.1436		
244.080										.3304	.3011	.0489	-.0384	-.0132	
248.080															.4613
337.670															-.1200

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5788	-.7510	-.6617
237.580				-.5805	-.7303	-.5143
241.120			.6397	-.4578	-.6972	-.5296
244.680	.5046	.5673	.6230		-.6945	-.6866
248.200	.4948	.5352	.5784		-.6926	-.7102
251.740	.4751	.5080	.4792			
255.280		.4698	.2968	-.5056	-.6528	
323.510				-.6296	-.8065	-.7203
327.050			-.2876	-.6477	-.8292	-.7195
330.590		-.2030	-.2774	-.6235	-.8161	-.6748
334.130	-.1384	-.2045	-.3136	.0000	-.8223	-.6084
337.670	-.1397	-.2223	-.3235		-.7710	-.5271
341.210		-.2302	-.3237	.0000		
344.750	-.1473	-.2311	-.3244	-.6193		

AEC11-71- 1A14 C1+T12+S12+2S+AT10 ET ATTACH PTS.   (RB1231)

A. PHASE 9) = 5.990   BETA0 (11) = 10.150

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4195	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1155	.1097	.0795	.0187								
186.580				.1205	.1093	.0766	.0311								
189.920			.1327	.1366	.1149	.0614	.0424								
193.460		.1161	.1530	.1652	.0930	.0424	.0756								
197.000	.0436	.1002	.1542	.0000	.0000	.0399	.1069								
203.540			.1400	.1239	.0371	-.0123	.1023								
204.080		.0897	.1132	.1210	.0271	-.0086	.0397								
207.620				.1017	.0157	-.0157	.0626								
222.840											.3526	.3161	.3109	.3055	
226.380											.4107	.3303	.3105	.3051	
229.920									.3877	.4021	.5269	.3220	.2699	.3129	
233.460									.3891	.4710	.5679	.2394	.0000	.1392	
237.000								.3340		.4941	.0000	.0000	-.1234		
240.540									.3629	.4416	.3193	.0613	-.0300	-.0096	
244.080										.3521					
248.200															.4820
337.670															-.1577

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5706	-.7605	-.6973
237.580			.6997	-.5600	-.7337	-.5542
241.120			.6792	-.4237	-.7290	-.5445
244.660	.5353	.6046	.6549		-.7080	-.7001
248.200	.5198	.5777	.6051		-.7093	-.7252
251.740	.5228	.5277	.5019			
255.280		.4967	.3279	-.4994	-.6880	
323.510				-.6494	-.8215	-.7013
327.050			-.3163	-.6689	-.8447	-.7052
330.590		-.2350	-.3059	-.6489	-.8260	-.6867
334.130	-.1698	-.2487	-.3470	.0000	-.8309	-.6255
337.670	-.1743	-.2623	-.3567		-.7642	-.5601
341.210	-.1855	-.2732	-.3648	.0000		
344.750		-.2767	-.3656	-.6464		

ARC11-716 IA14 O4+T112+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(10) = 8.050   BETAO (1) = -9.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2242	.2196	.1762	.0641								
186.380				.2392	.2353	.1591	-.0618								
189.920			.2432	.2709	.2441	.0104	-.3887								
193.460		.2095	.2678	.3164	.1959	-.5089	-.3855								
197.000	.1431	.2266	.2827	.0000	.0000	-.5630	-.2551								
200.540		.1651	.2478	.1507	-.5749	-.5087	-.2024								
204.080			-.2341	-.2531	-.5732	-.5288	-.4402								
207.620				-.1527	-.5196	-.5235	-.4396								
222.640											.0934	.0829	.0008	.0450	
226.380											.1081	.0917	.0843	.0872	
229.920										.1072	.1461	.0836	.0813	.0766	
233.460									.1126	.1373		.0236	.0000	-.0149	
237.000								.1028	.1290	.1705	.2186				
240.540									.1258	.1796	.0000	.0000	-.1613		
244.080										.1427	.1358	-.0244	-.0934	-.0447	
248.200															.8059
337.670															-.1528

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5121	-.5509	-.4468
237.560			.2574	-.5819	-.4529	-.4391
241.120		.2773	.3203	-.6801	-.4277	-.4524
244.680	.2283	.3052	.3443		-.4489	-.4832
248.200	.2447	.3044	.3549		-.5031	-.5219
251.740	.2440	.2631	.3120			
255.280		.1804	.0719	-.5258	-.4527	
323.510				-.6257	-.8188	-.5523
327.050			-.3185	-.6493	-.8388	-.5157
330.590			-.3104	-.6300	-.8319	-.4283
334.130	-.1643	-.2312	-.3416	.0000	-.7818	-.4417
337.670	-.1729	-.2430	-.3526		-.7727	-.4794
341.210	-.1773	-.2534	-.3936	.0000		
344.750		-.2634	-.3447	-.6865		

ABLATED PRESSURE DATA - IA1/A - VOL ..

ASC01-716 IA.4 A=T12*G12N25*.T16 E7 ATTACH PTS.

(R81231)

ALPHA(10) = 8.000   BETA0 (2) = -7.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

V/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.8160
PHI															
182.040				.2319	.2192	.1616	.0392								
186.380				.2485	.2280	.1345	-.0863								
189.920			.2495	.2793	.2310	-.0208	-.3587								
193.460		.2207	.2910	.3295	.1621	-.4751	-.2674								
197.000		.2510	.3300	.0000	.0000	-.5032	-.2055								
200.540	.1541	.1912	.2971	.2217	-.5216	-.4836	-.2007								
204.080					-.5279	-.4807	-.4198								
207.620			-.1639	-.2116	-.5003	-.4795	-.4358								
222.840				-.0991								.0912	.0912	.0939	
226.380											.1067	.1015	.0966	.0939	
229.920											.1150	.1005	.0954	.0937	
233.460										.1135	.1392	.0707	.0000	.0301	
237.000								.1059	.1152	.1331	.1926	.0000			
240.540									.1221	.1522	.0000	.0000	-.1118	-.0069	
244.080									.1226	.1549	.1189	-.0032	-.0526	-.0069	
248.200															.1089
337.670									.1341					-.1166

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040			.2081	-.4985	-.5326	-.4263
237.580		.2338	.2690	-.5567	-.4463	-.4263
241.120		.2604	.3057	-.6904	-.4198	-.4435
244.660	.1980	.2739	.3243		-.4508	-.4785
248.200	.2140	.2387	.2988		-.4890	-.5243
251.740	.2277	.1834	.0623	-.5157	-.4497	
255.280				-.6204	-.8206	-.5659
323.510					-.8556	-.5199
327.050		-.2978		-.6329	-.8349	-.4258
330.590		-.2866	-.3146	-.6088	-.7855	-.4162
334.130	-.1332	-.2150	-.3213	.0000	-.7544	-.4792
337.670	-.1374	-.2194	-.3215			
341.210	-.1423	-.2249	-.3144	.0000		
344.750		-.2226		-.6498		

ARC11-716 1A14 C1+T12+S12M25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(10) = 7.900   BETAO (3) = -5.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.8160
PHI
182.840				.2369	.2244	.1539	.0223								
186.380				.2473	.2308	.1273	-.1029								
189.920			.2482	.2729	.2269	-.0340	-.3545								
193.480		.2270	.2757	.3289	.1515	-.4142	-.2360								
197.000	.1621	.2499	.3023	.0000	.0000	-.4613	-.1938								
200.540		.2026	.3008	.2106	-.4555	-.4537	-.2534								
204.080				-.1233	-.4744	-.4202	-.3831								
207.620			-.0745	-.0311	-.4489	-.4088	-.3902								
222.840												.1166	.1185	.1173	
226.380										.1318	.1237	.1237	.1241	.1175	
229.920										.1516	.1364	.1281	.1210	.1163	
233.460									.1340	.1672	.1694	.1032	.0000	.0497	
237.000								.1215	.1362	.1672	.2017				
240.540										.1599	.0000	.0000	-.1000		
244.080									.1328	.1313	.1196	.0073	-.0419	-.0003	
248.200															.1708
337.670															-.0069

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.5042	-.5222	-.4399
237.580			.2049	-.5521	-.4478	-.4334
241.120		.2179	.2635	-.6771	-.4215	-.4507
244.660	.1896	.2438	.2752		-.4520	-.4938
248.200	.1987	.2465	.2989		-.4993	-.5201
251.740	.2099	.2123	.2728			
255.780		.1659	.0436	-.5118	-.4507	
323.510				-.6122	-.8106	-.6316
327.090			-.2808	-.6210	-.8263	-.5644
330.590		-.1883	-.2635	-.5930	-.8283	-.4519
334.130	-.1062	-.1900	-.2926	.0000	-.7576	-.4085
337.670	-.1089	-.1947	-.2973		-.7440	-.4627
341.210	-.1120	-.1967	-.2968	.0000		
344.750		-.1949	-.2879	-.6183		

ARC11-715 IA11 01+T12 012+25+A11C ET ATTACH PTS.　　　　　　　(RB1231)

ALPHA0(D) = 7.340　　BETA0(4) = -3.970

SECTION 1 DET ATTACH POINTS　　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2271	.2078	.1349	-.0047								
186.380				.2317	.1996	.0957	-.1109								
189.920			.2446	.2432	.1749	-.0576	-.2753								
193.460		.2378	.2715	.2861	.0791	-.3341	-.1577								
197.000	.1958	.2666	.3166	.0000	.0001	-.4057	-.1242								
200.540		.2212	.3261	.2474	-.4088	-.4139	-.2078								
204.080			-.0214	-.0734	-.4338	-.3719	-.3453								
207.620				.0030	-.3964	-.3533	-.3509								
222.840												.1368	.1330	.1352	
226.380											.1481	.1486	.1332	.1332	
229.920										.1629	.1699	.1464	.1335	.1336	
233.460									.1852	.2125	.1224	.0000	.0483		
237.000							.1428	.1583	.2085	.2448	.0000				
240.540								.1588	.1869	.0000	.0000	-.1124	-.0117		
244.080								.1541	.1477	.1285	.0059	-.0504			
248.200															.2000
337.670															-.0672

X/LT	.9250	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5091	-.5340	-.4154
237.580			.2589	-.5460	-.4426	-.4240
241.120		.2474	.3029	-.6477	-.3998	-.4228
244.660	.2130	.2682	.3151		-.4271	-.4726
248.200	.2233	.2699	.5144		-.4711	-.4918
251.740	.2324	.2317	.2807			
255.280	.1882	.0658	-.4815	-.4275	-.6724	
323.510			-.6063	-.8041	-.6159	
327.050		-.2698	-.6126	-.8177	-.6190	
330.590		-.2503	-.5825	-.8187	-.5073	
334.130	-.0900	-.1731	-.2763	.0000	-.7868	-.4181
337.670	-.0903	-.1748	-.2799	.0000	-.7242	-.4659
341.210	-.0940	-.1770	-.2789	.0000		
344.750		-.1715	-.2710	-.5943		

ARC11-716 1A14 CL+T12+S12N2+-AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(10) = 7.940   BETAO (5) = -1.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.840				.2433	.2155	.1353	-.0105								
186.380				.2300	.2091	.0964	-.1150								
189.920			.2744	.2684	.1846	-.0666	-.2550								
193.460		.2702	.3059	.3139	.0856	-.3903	-.1303								
197.000	.2269	.3094	.3667	.0000	.0000	-.3985	-.1011								
200.5..		.2648	.3779	.2995	-.3753	-.4021	-.2168								
204.080			-.0013	-.0568	-.4089	-.3612	-.3320								
207.620				.0463	-.3571	-.3398	-.3324								
222.840											.1758	.1546	.1530	.1525	
226.380										.1818	.1944	.1684	.1572	.1379	
229.920									.1845	.2179	.2512	.1716	.1515	.1571	
233.460									.1835	.2277	.2775	.1529	.0000	.0592	
237.000								.1651	.1759	.2046	.0000	.0000			
240.540										.1719	.1374	.0108	-.0625	-.0232	
244.080													-.1259		
246.200															.2121
337.670															-.0557

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4787	-.5247	-.4029
237.580			.2629	-.5261	-.4328	-.4071
241.120		.2775	.3244	-.6318	-.3964	-.4202
244.660	.2227	.2942	.3290		-.4466	-.4568
248.200	.2365	.2743	.3249	.0000	-.4610	-.4880
251.740	.2348	.2451	.2821	.0000		
255.280		.2063	.0828	-.4772	-.4242	
323.510				-.6096	-.8037	-.7096
327.050			-.2673	-.6175	-.8178	-.7054
330.590		-.1655	-.2477	-.5815	-.8175	-.5728
334.130	-.0613	-.1683	-.2686	.0000	-.7923	-.4294
337.670	-.0793	-.1665	-.2734	.0000	-.7443	-.4751
341.210	-.0828	-.1700	-.2724	.0000		
344.750		-.1640	-.2625	-.5657		

(RB1251)

DEPENDENT VARIABLE OF

FMI

	.3910	.3970	.4020	.4060	.4130	.4140	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.2599	.2261	.1430	-.0109								
185.380				.2706	.2197	.0990	-.1061								
189.920			.2962	.2971	.2080	-.0583	-.2133								
193.460		.2986	.3461	.3666	.1171	-.2592	-.1037								
197.000	-.21	.3277	.3994	.0000	.0000	-.3821	-.1120								
200.540		.2751	.3918	.3267	-.3001	-.3495	-.2436								
204.080			.0216	-.0845	-.3410	-.3018	-.2918								
207.620				.0770	-.2640	-.2640	-.2682								
222.840											.2096	.1848	.1841	.1016	
226.380										.2185	.2364	.1976	.1917	.1854	
229.920										.2313	.2980	.2091	.1980	.1938	
233.460									.2097	.2514	.2916	.2211	.0000	.1038	
237.000								.1817	.2011	.2183	.0000	.0000	-.1155		
240.540									.1916	.1852	.1553	.0209	-.0603	-.0065	
248.200															.2401
337.670															-.0348

X/LT

FMI

	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.3393	-.4419	-.4722	-.3465
2_7.580			.5244	-.5244	-.3889	-.3443
241.120		.3101	.3503	-.5864	-.3585	-.3460
244.660	.2715	.3150	.3518		-.3595	-.4081
248.200	.2562	.3145	.3569	-.3946		-.4204
251.740	.2614	.2626	.3093			
255.280	.2375		.1027	-.4308	-.3492	-.7939
323.510				-.8066	-.7973	-.7776
327.050		-.2592	-.2406	-.6137	-.8096	-.6960
330.590	-.0800	-.1613	-.2601	-.5789	-.8096	-.5020
334.130	-.0707	-.1616	-.2686	.6390	-.8192	-.4993
337.670	-.0736	-.1551	-.2641	.0000	-.7797	
341.210		-.1643	-.2567	-.5779		
344.750		-.1800				

ARC11-716 IA14 O1+TI2+S12N25+ATIO ET ATTACH PTS.   (RB1231)

ALPHAO(ID) = 7.940   BETAO (7) = 2.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.2561	.2327	.1569	.0145								
186.360				.2666	.2283	.1176	-.0482								
189.920			.2866	.2869	.2131	-.0155	-.1111								
193.480		.2681	.3169	.3470	.1337	-.1762	-.0098								
197.000	.8241	.2891	.3462	.0000	.0000	-.2327	.0002								
200.540		.2432	.3277	.2552	-.2301	-.2799	-.0797								
204.080			.0500	-.0459	-.2651	-.2184	-.1767								
207.620				.0729	-.1939	-.1893	-.1890								
222.840												.2094	.2065	.2126	
226.380											.2209	.2170	.2172	.2118	
229.920										.2378	.2398	.2128	.1951	.2052	
233.480									.2324	.2660	.2863	.1577	.0000	.1214	
237.000								.2104	.2498	.2858	.3346				
240.540									.2268	.2767					
244.080										.2290		.0000	-.0674	.0475	
248.200											.2261	.0780	.0063		
337.670															.2747
															-.0305

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4679	-.3314	-.2894
237.580		.3405	.3464	-.5136	-.2666	-.2740
241.120		.3598	.3790	-.6025	-.2528	-.2607
244.660	.2941	.3566	.4308		-.2552	-.2568
248.200	.2895	.3025	.4053		-.2670	-.2619
251.740	.2836	.2221	.5678			
255.260			.1137	-.3333	-.2871	
323.510				-.5806	-.7899	-.7265
327.050		-.2198		-.5933	-.8022	-.7166
330.590		-.2059		-.5554	-.6000	-.6680
334.130	-.0479	-.1371	-.2511	.0000	-.8143	-.4558
337.670	-.0536	-.1359	-.2619		-.7554	-.4361
341.210	-.0745	-.1406	-.2444	.0000		
344.790		-.1440	-.2444	-.5576		

DATE 07 JAN 75   ENGLAND RESEARCH CAT. INDEX - VOL. II

                  SECTION PASS 2+H12+S1.0.25+ATIO ET ATTACH PTS.   (RB1251)

A.TAG.DD = 0.010   BETAD / 0/.8 = 4.000

SECTION RIVET ATTACH POINTS

DEPENDENT VARIABLE C?

x/.c	.3910	.3970	.4020	.4080	.4130	.4240	.3070	.8120	.8180	.8230	.8280	.9340	.8390	.9160
PHI														
182.840				.2364	.2135	.0258								
186.300				.2316	.1953	-.0192								
189.920			.2464	.2409	.1757	-.0617								
193.460		.2329	.2653	.2920	.1076	.0165								
197.000	.1989	.2462	.2869	.0000	.0000	.0395								
200.540		.2163	.2759	.2061	-.1895	-.0043								
204.080			.0946	.0032	-.2046	-.1180								
207.620				.0594	-.1497	-.1411						.2232	.2248	.2201	
222.840										.2365	.2284	.2248	.2230	
226.380									.2640	.2629	.2293	.2056	.2130	
229.920								.2593	.3013	.3217	.1556	.0000	.1160	
233.460							.2332	.2649	.3259	.3795				
237.000								.2541	.3011	.0000	.0000	-.0024		
240.540									.2529	.2451	.0849	.0057	.0345	
244.080														.2961
248.890														-.0385
357.670														

x/.t	.9810	.9870	.9320	.9380	.9430	.9480
PHI						
234.040				-.5108	-.6092	-.4920
237.580			.4122	-.5630	-.5737	-.4375
241.120		.3784	.4501	-.5699	-.4910	-.4898
244.660	.3251	.3749	.4186	-.5856	-.5056	-.5313
248.200	.3130	.3658	.4164	-.5834	-.5834	-.5974
251.740	.3104	.3149	.3628			
255.280		.2460	.1046	-.5667	-.4843	-.6331
323.510				-.5940	-.8061	-.6326
327.050			-.2268	-.6079	-.8170	-.6051
330.590		-.1336	-.2413	-.5680	-.8093	-.4514
334.130	-.0575	-.1380	-.2462	.0000	-.8281	-.4251
337.670	-.0900	-.1490	-.2506		-.7690	
341.210	-.0849	-.1534	-.2553	.0000		
344.750		-.1549	-.2528	-.5685		

ALPHAO(10) = 0.000   BETAO (9) = 6.120   (R81231)

ARC11-716 IA14 C4*T12+312N25+AT10 ET ATTACH PTS.

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3670	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8160	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.1937	.1701	.1099	.0093								
116.360				.1896	.1548	.0777	-.0227								
189.920			.1907	.1926	.1394	-.0067	-.0539								
193.440			.2009	.2379	.0989	-.0017	.0171								
197.000	.1348	.1676	.2136	.0000	.0000	-.1239	.0269								
200.540		.1744	.2097	.1541	-.1496	-.1703	.0193								
204.080		.1622	.1332	.0534	-.1627	-.1226	-.0011								
207.620				.0729	-.1302	-.0998	-.0947								
222.840											.2520	.2510	.2523		
226.300										.2724	.2648	.2543	.2531		
229.920									.3011	.3064	.2592	.2362	.2515		
233.460								.2888	.3402	.3865	.2083	.0000	.1431		
237.000							.2561	.2885	.3566	.4234					
240.540								.2759	.3245	.0000	.0000	-.0842	.0571		
244.080										.2702	.2467	.0798	.0031		
248.230															.3307
337.670															-.0461

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.060				-.5426	-.6369	-.5393
237.580				-.5743	-.6157	-.4465
241.120		.4233	.4907	-.5291	-.5803	-.1770
244.610	.3818	.4064	.4676		-.6071	-.5680
247.200	.3422	.3871	.4614		-.6157	-.6113
251.740	.3437	.3459	.4270			
255.280	.2778		.3567	.1376	-.5414	.4982
323.510				-.5695	-.8070	-.5741
327.050			-.2200	-.6034	-.8198	-.5619
330.590		-.1331	-.2081	-.5702	-.8075	-.5588
334.130	-.0652	-.1392	-.2459	.0000	-.8252	-.4657
337.670	-.0642	-.1488	-.2404		-.7844	-.4278
341.210	-.0704	-.1575	-.2565	.0000		
344.750	-.1800		-.2575	-.5671		

(RB1231)

A...MACH = 7.980   BETA0 (10) = 8.120

SECTION INLET ATTACH POINTS   DEPENDENT VARIABLE CP

x_T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.1419	.1235	.0680	.0034								
186.380				.1384	.1152	.0531	-.0173								
189.920			.1338	.1394	.0990	-.0037	-.0375								
193.460		.1196	.1439	.1785	.0626	-.0475	.0161								
197.000	.0714	.1262	.1666	.0000	.0000	-.0577	.0389								
200.540		.1076	.1651	.1257	-.1293	-.1053	.0325								
204.080			.1221	.0934	-.1310	-.0851	-.0518								
207.620				.1125	-.1074	-.0778	-.0513				.3132	.2843	.2815	.2776	
222.840											.3437	.3034	.2862	.2857	
226.380											.4310	.3093	.2621	.2850	
229.920										.3284	.4433	.2671	.0000	.1624	
233.460									.3122	.3766	.0000	.0000			
237.000								.2729	.3152	.3883	.2544	.0762	-.0941	.0378	
240.540									.2877	.3343			-.0106		
244.080										.2803					
248.200															.3467
337.670															-.0712

VLT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5664	-.7027	-.5729
237.580			.5299	-.6012	-.6563	-.4727
241.120		.4570	.5701	-.4994	-.6274	-.4992
244.660	.3963	.4447	.5040	-.6266	.626	
248.200	.3698	.4150	.4439		-.6419	-.6410
251.740	.3626	.3623	.3544	-.5464	-.5234	
255.280		.3115	.1593	-.6123	-.8290	-.5685
323.510				-.6266	-.8478	-.5433
327.050			-.2354	-.5985	-.8332	-.4971
330.590	-.0838	-.1563	-.2245	.0000	-.8493	-.4716
334.130	-.0900	-.1617	-.2632	.0000	-.7763	-.4439
337.670		-.1766	-.2757			
341.210	-.0973	-.1885	-.2826	.0000		
344.750		-.1849	-.2846	-.5891		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CK+T112+S12N25+AT10 ET ATTACH PTS.   (R81231)

ALPHAO(10) = 7.950   BETAO (11) = 10.200

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.840				.0977	.0884	.0482	.0015								
186.360				.1040	.0909	.0484	.0074								
189.920			.1109	.1201	.0918	.0266	.0196								
193.460		.0830	.1209	.1504	.0602	.0040	.0522								
197.000	-.0009	.0764	.1222	.0000	.0000	-.0075	.0679								
200.540		.0534	.1158	.1048	-.0749	-.0394	.0762								
204.060			.0877	.1094	-.0744	-.0493	-.0075								
207.620				.0772	-.0570	-.0367	.0109								
222.840											.3435	.3248	.3153	.3112	
226.380											.4034	.3393	.3178	.3112	
229.920										.3771	.5006	.3499	.2935	.3140	
233.460									.3412	.4236	.4879	.3288	.0000	.1802	
237.000								.2952	.3385	.4229	.0000	.0000	-.1092		
240.540									.3099	.3697	.2657	.0630	-.0345	.0176	
244.080										.3003					
248.200															.4003
337.670															-.1135

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5783	-.7100	-.6174
237.580			.5932	-.6127	-.6883	-.5177
241.120		.5150	.6042	-.4919	-.6888	-.5308
244.660	.4305	.5034	.5900		-.6655	-.6585
248.200	.4221	.4655	.5041		-.6665	-.6884
251.740	.4138	.3961	.3811			
255.280		.3461	.1996			
323.510				-.5449	-.577.	-.5630
327.050			-.2650	-.6392	-.84..	-.5358
330.990		-.1977	-.2541	-.6493	-.8710	-.5387
334.130	-.1192	-.1972	-.2955	-.6278	-.8566	-.4633
337.670	-.1227	-.2201	-.3110	.0000	-.8688	
341.210	-.1462	-.2288	-.3244	.0000	-.8877	
344.750		-.2303	-.3254	-.6199	-.7877	-.4443

ARCII-715 TA14 CO-T12-G12-25-A710 ET ATTACH PTS.   (R81251)

ALPHADEG = 9.930   BETAD(1) = -9.930

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4100	.4130	.4180	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI																
182.840				.1936	.1826	.1419	.1419	.0392								
186.380				.1990	.1855	.1120	.1120	-.0783								
189.920			.2031	.2165	.1770	-.0337	-.0337	-.3557								
193.460	.1831		.2274	.2550	.1044	-.4609	-.4609	-.3255								
197.000	.1227	.1970	.2540	.0000	.0000	.4954	.4954	-.2444								
200.540		.1468	.2404	.1470	.5663	.5035	.5035	-.2038								
204.090			-.1734	-.2020	-.5629	-.5078	-.5078	-.4321								
207.620				-.1053	-.5385	-.5098	-.5098	-.4539								
222.840												.1037	.0907	.0817	.0891	
226.380												.1174	.0964	.0888	.0871	
229.920												.1465	.1052	.0893	.0878	
233.460											.1147	.1663	.0991	.0000	.0283	
237.000									.0961	.1079	.1287					
240.540										.1096	.1365	.0000	.0000	.0000	-.1224	
244.080										.1040	.1208	-.0258	-.0258	-.1224	-.0174	
248.200											.0961	.0807		-.0685		
337.670																.1271
																-.1542

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4730	-.5550	-.4362
237.580		.1827	.1891	-.5697	-.4814	-.4436
241.120		.1888	.2238	-.6815	-.4861	-.4928
244.660	.1419	.1939	.2155	-.5806	-.5199	
248.200	.1458	.1327	.2628	-.6435	-.5128	
251.740	.1375	-.0299	.2741	-.4017		
255.280			-.1274	-.6203	-.8197	-.5963
323.510						
327.050			-.3047	-.6406	-.8487	-.5426
330.590		-.2230	-.3007	-.6214	-.8662	-.4786
334.130	-.1644	-.2376	-.3343	.0000	-.8677	-.4643
337.670	-.1716	-.2465	-.3462		-.8492	-.4928
341.210	-.1722	-.2531	-.3508	.0000		
344.750		-.2531	-.3410	-.6614		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(1) = 10.010   BETAO(2) = -7.910

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2177	.2006	.1423	.0230								
186.380				.2277	.2069	.1100	-.0956								
189.920				.2530	.2033	-.0439	-.3401								
193.460		.2116	.2373	.2615	.3012	.1254	-.4573	-.2546							
197.000	.1504	.2316	.2936	.0000	.0000	.5067	-.4987	-.2079							
200.540		.1793	.2725	.1842	.5067	-.4772	-.2137								
204.080			-.1158	-.1738	-.5193	-.4630	-.4034								
207.620				-.0777	-.4936	-.4572	-.4249								
222.840											.1280	.1096	.1085	.1070	
226.380										.1317	.1452	.1245	.1186	.1094	
229.920										.1420	.1722	.1371	.1195	.1158	
233.460									.1216	.1413	.1582	.1518	.0000	.0421	
237.000									.1175	.1199					
240.540								.1039	.1062	.0983	.0000	.0000	-.1056		
244.080											.0771	-.0:59	-.0540	-.0021	
248.200															.1301
337.670															-.1171

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4740	-.5494	-.4379
237.580		.1709	.1889	-.5569	-.4898	-.4423
241.120			.2226	-.6895	-.4765	-.4893
244.660	.1392	.1805	.2088	-.5706	-.5291	
248.200	.1400	.1771	.2450	.5161	-.5040	
251.740	.1585	.1146	.2482			
255.280	-.0425	-.1305	-.4369	-.4050		
323.510			-.6162	-.8221	-.6465	
327.050		-.2896	-.6306	-.8436	-.5792	
330.590	-.2047	-.2817	-.6084	-.8567	-.4970	
334.130	-.1288	-.2131	-.3125	.0000	-.8599	-.4505
337.670	-.1363	-.2206	-.3201	-.8585	-.4968	
341.210		-.2246	-.3231	.0000		
344.750	-.1411	-.2235	-.3140	-.6553		

TABULATED SUBROUTINE ...

... DATA JULY 79-4 ... CONCENTRATIO ET ATTACH PTS.   (RB1231)

A...SENT? = 9.920   BETAD ... = -.920

SECTION (INLET ATTACH POINTS

DEPENDENT VARIABLE CD

PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.2281	.2129	.1463	.0176								
186.380				.2355	.2100	.1109	-.1046								
189.920			.2443	.2492	.1890	-.0521	-.3201								
193.460		.2237	.2671	.2883	.0972	-.3855	-.2098								
197.000	.1779	.2490	.2992	.0000	.0000	-.4465	-.1724								
200.540		.2041	.3065	.2188	-.4456	-.4427	.2401								
204.080			-.0327	-.0862	-.4745	-.4068	-.3691								
207.620				-.0155	-.4363	-.3856	-.3814								
222.840											.1435	.1337	.1250	.1233	
226.380											.1670	.1422	.1317	.1270	
229.920										.1579	.2087	.1491	.1346	.1283	
233.460									.1454	.1741	.2205	.1481	.0000	.0508	
237.000								.1258	.1447	.1807	.0000	.0000	-.1318		
240.540									.1336	.1542	.0998	-.0177	-.0704	-.0275	
244.080										.1258					.1561
248.200															-.0841
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4707	-.5471	-.4346
237.580			.2262	-.5258	-.4911	-.4244
241.120		.2054	.2627	-.6411	-.4583	-.4759
244.660	.1570	.2122	.2499	-.5300	-.5211	
248.200	.1736	.2105	.2558		-.5710	-.5051
251.740	.1630	.1561	.2607			
255.260		.0124	-.0939	-.4907	-.4002	-.6865
323.510			-.2615	-.6043	-.8138	-.6334
327.090			-.2501	-.6114	-.8299	-.4930
330.590		-.1737	-.2798	-.5845	-.8383	-.4226
334.130	-.0978	-.1799	-.2878	.0000	-.8165	-.4792
337.670	-.1041	-.1863	-.2915	.0000	-.7727	
341.210	-.1078	-.1918	-.2913			
344.750		-.1865	-.2814	-.6186		

ALPHAO(1) =   9.940   BETAO (4) = -3.950

ARC11-716 1A14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1231)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.2220	.1957	.1260	-.0104								
186.380				.2203	.1815	.0816	-.1074								
189.920			.2418	.2362	.1658	.0687	-.2516								
193.460		.2401	.2696	.2696	.0536	-.3217	-.1449								
197.000	.2055	.2728	.3223	.0000	.0000	-.4061	-.1157								
200.540		.2298	.3329	.2497	-.4041	-.4171	-.2016								
204.080			.0004	-.0623	-.4249	-.3698	-.3331								
207.620				.0128	-.3897	-.3456	-.3390								
222.840															
226.380											.1547	.1397	.1354	.1352	
229.920											.1880	.1498	.1434	.1377	
233.460										.1712	.2461	.1564	.1424	.1404	
237.000									.1611	.2000	.2574	.1473	.0000	.0499	
240.540								.1407	.1670	.2111	.0000	.0000			
244.080									.1532	.1833	.1202	-.0151	-.1469	-.0390	
248.200										.1456			-.0805		
337.670														.1779	
														-.0562	

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4496	-.5275	-.4137
237.560			.2607	-.5207	-.4806	-.4031
241.120		.2906	.2893	-.6249	-.4269	-.4373
244.660	.1898	.2360	.2834		-.4755	-.4915
248.200	.1930	.2365	.2794		-.5200	-.5008
251.740	.1873	.1895	.2792			
255.280		.0575	-.0585	-.5375	-.5877	-.3877
323.510				-.5986	-.8095	-.7237
327.050			-.2490	-.6062	-.8226	-.6632
330.590		-.1532	-.2340	-.5745	-.8248	-.5162
334.130	-.0777	-.1604	-.2619	.0000	.0001	-.4135
337.670	-.0774	-.1652	-.2657		-.7049	-.4572
341.210	-.0815	-.1681	-.2707	.0000		
344.750		-.1653	-.2610	-.5968		

DATE OF ... 74   TABULATED PRESSURE DATA - TALGA - ... 11

AGRA(I) = 9.340   BETAD (5) = -1.960   (RB1231)

SECTION ... INLET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.940				.2521	.2213	.1411	.0095								
185.380				.2570	.2164	.0996	-.1029								
189.920			.2814	.2766	.1964	-.0602	-.2477								
193.460		.2782	.3107	.3196	.0957	.3192	-.1194								
197.000	.2286	.3036	.3637	.0000	.0000	.3864	-.0951								
200.540		.2611	.3662	.2873	-.3604	-.3906	-.2032								
204.080			-.0045	-.0679	-.3930	-.3439	-.3158								
207.620				.0439	-.3323	-.3148	-.3159								
222.840											.1735	.1546	.1499	.1462	
226.380										.1825	.1999	.1656	.1578	.1536	
229.920										.2060	.2568	.1757	.1595	.1598	
233.460									.1764	.2156	.2549	.1798	.0000	.0700	
237.000								.1560	.1747	.1845	.0000	.0000	-.1275		
240.540									.1649	.1538	.1227	-.0042	-.0698	-.0299	
244.080															.1770
248.200															-.0383
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2485	-.4503	-.5238	-.4063
237.580		.2414	.2875	-.5253	-.4484	-.4002
241.120		.2517	.2941	-.6512	-.4057	-.4271
244.660	.1935	.2438	.2863		-.4540	-.4769
248.200	.2016	.1998	.2652		-.4923	-.4967
251.740	.1940	.1094	-.0265	-.5023	-.4006	
255.280				-.5847	-.7957	-.7208
323.510		-.2293	-.3912	-.8063	-.7109	
327.050		-.1351	-.2129	-.5569	-.8385	-.5595
330.590	-.0575	-.1375	-.2377	.0000	-.7959	-.4135
334.130	-.0557	-.1427	-.2425		-.5759	-.4379
337.670	-.0573	-.1427	-.2447	.0000		
341.210		-.1594	-.2373	-.5695		
344.750						

ARC11-716 IA14 CL+TI2+SI2M25+AT10 ET ATTACH PTS.   (R81251)

ALPHAO(11) = 9.980   BETAO (0) =   .040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI
182.840				.2561	.2327	.1436	-.0088								
186.380				.2659	.2263	.1043	-.0945								
189.920			.2903	.2924	.2104	-.0492	-.2032								
193.460		.2898	.3318	.3628	.1290	-.2669	-.0842								
197.000	.2328	.3157	.3874	.0000	.0000	-.3731	-.0779								
200.540		.2629	.3728	.3080	-.3091	-.3568	-.2066								
204.080			.0225	-.0940	-.3424	-.3035	-.2769								
207.620				.0703	-.2795	-.2721	-.2738								
222.840										.1938	.1696	.1778	.1788	.1756	
226.380										.2176	.2159	.1933	.1844	.1882	
229.920									.1843	.2296	.2371	.2056	.1852	.1854	
233.460								.1654	.1779		.2451	.2277	.0000	.0966	
237.000									.1701						
240.540										.1909	.0000	.0000	-.1092		
244.080										.1590	.1334	.0207	-.0464	.0112	
248.200															.1977
357.670															-.0348

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.4784	-.4657	-.3722
237.580		.2593	.2648	-.5379	-.3933	-.3602
241.120		.2615	.3168	-.6354	-.3639	-.3801
244.660	.2211	.2532	.3092		-.3865	-.4045
248.200	.2206	.2243	.3043		-.3883	-.4349
251.740	.2208		.2508			
255.280		.1694	.0600	-.4070	-.3865	
323.510				-.5984	-.7956	-.7686
327.050		-.2330		-.5983	-.8064	-.7481
330.590		-.2144		-.5614	-.8049	-.6597
334.130	-.0550	-.2414		.0000	-.8237	-.4443
337.670	-.0545	-.2385			-.7704	-.4601
341.210	-.0501	-.2402		.0000		
344.750		-.2319		-.5614		

ALPHA(DEG) =   9.960   BETA(DEG) =   2.070   (RB1231)

SCRIPT(?) VALUE AT A POINTS

FX

	.3910	.3970	.4020	.4085	.4150	.4205	.4240	.8075	.6120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.2572	.2325	.1527	.0145								
185.380				.2695	.2259	.1185	-.0491								
182.920			.53	.2983	.2146	-.0171	-.1197								
191.450		.2645	.3115	.3622	.1434	-.2224	-.0160								
197.900	.2180	.2865	.3518	.0000	.0000	-.2798	-.0075								
200.140		.2312	.3222	.2594	-.2633	-.3095	-.0744								
204.080			.0204	-.0949	-.2876	-.2423	-.1988								
207.620				.0568	-.2265	-.2168	-.2212								
222.840											.2311	.2198	.2169	.2117	
226.380										.2406	.2634	.2271	.2169	.2179	
229.920									.2288	.2725	.3123	.2318	.2164	.2129	
233.460								.2031	.2296	.2789	.3152	.2210	.0000	.1195	
237.000										.2374	.0000	.0000	-.0939		
243.540									.2156	.1994	.1742	.0356	-.0257	.0154	
244.080															.2668
337.670															-.0365

	.9210	.9270	.9320	.9380	.9430	.9480
X/LT						

FXI

	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4573	-.5038	-.3657
237.580			.3608	-.5039	-.4391	-.3717
241.120		.3366	.3937	-.5731	-.4144	-.3931
244.660	.2908	.3329	.3907	.0000	-.4418	-.4539
248.200	.2922	.3295	.3676		-.4334	-.4865
251.740	.2922	.2937	.2930			
255.280		.2497	.1195	-.4097	-.4390	
323.510				-.5967	-.7940	-.8128
327.050		-.1421	-.2455	-.6047	-.8054	-.7843
330.590	-.0625	-.2224	-.2224	-.5652	-.8046	-.7349
334.130	-.0568	-.1396	-.2472	.0000	-.8259	-.4997
337.670	-.0568	-.1438	-.2454		-.7945	-.4792
341.210	-.0570	-.1436	-.2442	.0000		
344.750		-.1405	-.2394	-.5588		

ARC11-716 IA14 O1+T12+S12M25+AT10 ET ATTACH PTS.   (RB1231)

ALPHAO(11) = 8.990   BETAO (8) = 4.110

SECTION (1:ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.2465	.2194	.1462	.0279								
186.380				.2403	.2023	.1085	-.0262								
189.920			.2472	.2511	.1930	-.0068	-.0.11								
193.480		.2228	.2660	.3185	.1330	-.1671	.0290								
197.000	.1875	.2396	.2939	.0000	.0000	-.2257	.0225								
200.540		.1932	.2759	.2187	.2311	-.2728	-.0062								
204.080			.0352	-.0710	-.2396	-.2106	-.1343								
207.620				.0414	-.1798	-.1796	-.1789								
222.840											.2833	.2646	.2557	.2577	
226.380											.3261	.2759	.2619	.2569	
229.920											.4149	.2815	.2421	.2537	
233.480									.2852	.3560		.2636	.0000	.1292	
237.000								.2447	.2839	.3644	.4136	.0000	-.1540	-.0172	
240.540									.2619	.3119	.0000	.0000	-.0669		
244.080										.2471	.2171	.0251			
248.200															.3352
337.670															-.0465

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.5695	-.6763	-.5528
237.500			.9044	-.6053	-.6575	-.4747
241.120		.4465	.5181	-.5229	-.6058	-.5098
244.660	.3766	.4375	.4946	-.6093	-.6093	-.6267
248.200	.3669	.4199	.4426		-.5281	-.6402
251.740	.3501	.3656	.3353			
255.280		.3244	.1741	-.5091	-.5407	
323.510				-.5952	-.7980	-.8542
327.050			-.2408	-.6135	-.8084	-.8182
330.590			-.2254	-.5754	-.8015	-.7614
334.130	-.0715	-.1413	-.2497	.0000	-.8228	-.5594
337.670	-.0670	-.1396	-.2539		-.8186	-.4840
341.810	-.0828	-.1436	-.2546	.0000		
344.750		-.1516	-.2470	-.5665		

AROII-71E DATA .A+TI2+SI2+SI2+S+ATIO ET ATTACH PTS.   (RB1231)

ALPHA D.11 = 9.960   BETA: 9.1 = 6.135

SECTION . TWET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI	.3910	.5975	.4020	.4360	.4190	.4250	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.1894	.1680	.0982	-.0P69							
186.380				.1944	.1568	.0715	-.0363							
189.920			.1972	.2037	.1414	-.0173	-.0577							
193.460		.1852	.2158	.2521	.0997	-.1295	.0126							
197.000	.1414	.2038	.2432	.0000	.0000	-.1756	.0215							
200.540		.1713	.2307	.1839	-.1726	-.2117	.0045							
234.060			.0778	-.0016	-.1795	-.1636	-.1083							
207.620				.0407	-.1415	-.1441	-.1326							
222.840										.3265	.2900	.2960	.2879	
226.380									.3482	.3746	.3160	.2940	.2896	
229.920								.3278	.3975	.4579	.3192	.2753	.2952	
233.460								.3126	.3975	.4522	.3052	.0000	.1347	
237.000							.2746	.2849						
240.540									.1388	.2327	.0000	-.1453		
244.080									.2682		.0317	-.0657	-.0201	
248.200														.3832
337.670														-.0531

X/LT	.6210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5753	-.7101	-.5757
237.590			.5544	-.6172	-.6901	-.5901
241.120		.5015	.5645	-.4999	-.6465	-.5241
244.660	.4250	.4929	.5611	.6605	.6605	-.6585
246.200	.4046	.4801	.4949	.6606	.6606	-.6655
251.740	.4058	.4063	.3728			
255.280		.3720	.2163	-.5171	-.5814	
323.510				-.6045	-.8061	-.8482
327.050			-.2429	-.6135	-.8195	-.8174
330.590			-.2285	-.5787	-.8121	-.7724
334.130	-.0747	-.1525	-.2605	.0000	-.8316	-.5737
337.670	-.0767	-.1558	-.2650		-.8205	-.4836
341.210	-.0816	-.1622	-.2675	.0000		
344.750		-.1692	-.2623	-.5706		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CL+T12+S12+MES+ATIO ET ATTACH PTS.   (RB1251)

ALFAAO(11) = 10.030   BETAO(10) = 8.170

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6180
PHI															
182.840				.1487	.1265	.0680	-.0065								
186.360				.1479	.1204	.0583	-.0278								
189.920			.1382	.1506	.1160	-.0032	-.0429								
193.480		.1057	.1379	.1981	.0920	.0771	.0235								
197.000	.0266	.1030	.1558	.0000	.0000	-.1035	.0283								
200.560		.0810	.1435	.1230	-.1315	-.1341	.0293								
204.080			.0532	.0139	-.1266	-.1124	-.0557								
207.620				.0464	-.0984	-.0928	-.0581								
222.840										.3713	.3570	.3206	.3133	.3128	
226.380										.4335	.4051	.3441	.3271	.3153	
228.920									.3468	.4315	.5025	.3510	.2993	.3171	
233.480								.2924	.3414	.3607	.4724	.3527	.0000	.1663	
237.000									.3019	.2919	.0000	.0000	-.1372		
240.540											.2374	.0323	-.0651	-.0376	
244.080															.4043
248.200															-.0718
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5793	-.7208	-.5891
237.580			.5732	-.6118	-.6950	-.5027
241.120		.5237	.6092	-.5015	-.6627	-.5459
244.660	.4315	.5150	.5930		-.6689	-.6026
248.200	.4347	.4985	.5192		-.6622	-.6868
251.740	.4279	.4412	.3978			
255.280		.4053	.2542	-.5145	-.6026	-.8623
323.510				-.6059	-.8134	-.8024
327.050			-.2421	-.6197	-.6317	-.7684
330.590		-.1551	-.2313	-.5902	-.8193	-.6039
334.130	-.0843	-.1593	-.2629	.0000	-.8378	-.4885
337.670	-.0885	-.1703	-.2723		-.8312	
341.210	-.0920	-.1806	-.2794	.0000		
344.750		-.1855	-.2779	-.5916		

(R81231)

... THE DATA DISTRIBUTION SEPARATION BY ATTACH PTS.

A... = 10.030   BETA0 ... = 10.030

SOUTHERN UPPER ATTACH POINTS   DEPENDENT VARIABLE C0

X/T	.3910	.3970	.40??	.4050	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
182.840				.0899	.0756	.0399	-.0135								
186.580				.0844	.0714	.0215	-.0211								
189.920				.0984	.0773	.0024	-.0119								
193.480			.0818	.1286	.0482	-.0240	.0363								
197.000	-.0303	.0571	.0941	.0000	.0000	.0501	.0427								
200.340		.0588	.0977	.0781	.0961	.0504	.0599								
204.080		.0301	.0899	.0663	.0937	.0555	-.0085								
207.620			.0461	.0388	.0774	.0616	-.0064					.3510	.3483	.3430	.4131
222.840											.3855	.3695	.3475	.3411	
226.380										.4115	.4438	.3842	.3284	.3415	
226.920										.4474	.5482	.4005	.0000	.1914	
233.480									.3754	.4454	.4982				
237.000								.3106	.3523	.3828					
240.540									.3182	.2985	.0000	.0000	-.1284		
244.080											.2501	.0447	-.0649	-.0430	-.0945
248.200															
337.670															

X/T	.9210	.9270	.9320	.9380	.9430	.9460									
234.040			.5841	-.5698	-.7237	-.5744									
237.580		.5250	.6178	-.6070	-.6753	-.5195									
241.120		.5443	.6058	-.4974	-.6409	-.5383									
244.660	.4421	.5018	.5460	-.6377	-.6616										
248.200	.4404	.4282	.4134	-.6454	-.6703										
251.740	.4390	.3982	.2497	-.5140	-.5919										
255.280				-.6201	-.8292	-.7768									
323.510			-.2522	-.6409	-.8512	-.7263									
327.05			-.7455	-.6164	-.8398	-.6634									
330.590	-.1035	-.1740	-.2148	.0000	-.8559	-.5790									
334.130	-.1146	-.1829	-.2572	.0000	-.8200	-.4755									
337.670	-.1278	-.1953	-.3059	.0000											
341.210		-.2102	-.3069	-.6125											
344.750		-.2204													

ARC11-716 IA14 O1+T12+S12M25+AT10 ET ATTACH PTS.

(RB1232) (17 APR 74)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

PARAMETRIC DATA

MACH =	1.100	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -10.240   BETAO (1) = -9.900

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8290	.8340	.8390	.9180
PHI															
182.840				.5557	.5498	.4943	.3729								
186.380				.5921	.5865	.4930	.2600								
189.920			.6160	.6606	.6216	.3584	-.0576								
193.460		.5890	.6903	.7434	.5985	-.2589	-.2076								
197.000	.4960	.6473	.7500	.0000	.0000	-.4586	-.0549								
200.540		.6024	.7336	.7254	-.3470	-.3445	-.0038								
204.080			.2127	.1458	-.3778	-.3013	-.2037								
207.620				.2089	-.2792	-.2916	-.2119								
222.840												-.0504	-.0310	-.0178	
226.380											-.0347	-.0445	-.0377	-.0165	
229.920										-.0024	-.0204	-.0817	-.0906	-.0167	
233.460									.0087	.0596	.0243	-.2625	.0000	-.2066	
237.000								-.0178	.0363	.1316	.1789				
240.540									.0327	.1510	.0000	.0000	-.3482		
244.080										.0814	.1026	-.1317	-.2281	-.1918	
248.200															.0578
337.670															.0257

X/LT	.9210	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040				-.5012	-.5804	-.5243									
237.580			.1445	-.5310	-.5655	-.4730									
241.120		.1041	.1317	-.4695	-.5454	-.5088									
244.660	.0781	.1033	.1113		-.5969	-.5609									
248.200	.0089	.1003	.0954		-.6314	-.5248									
251.740	.0361	.0309	.0637												
255.280		-.2292	-.3095	-.5099	-.4629										
323.510				-.3239	-.4515	-.5782									
327.050			-.1214	-.3344	-.4624	-.5810									
330.590		-.0524	-.1142	-.3223	-.4699	-.5932									
334.130	.0024	-.0547	-.1297	.0000	-.4949	-.6030									
337.670	.0055	-.0552	-.1314		-.5163	-.6102									
341.213	.0071	-.0557	-.1290	.0000											
344.750		-.0547	-.1285	-.3303											

DATE 07 JAN 72   TABULATED PRESSURE DATA - IA14A - VO. 11

ARC11-716 IA14 O1+T16+S12+25+AT10 ET ATTACH PTS.   (R81232)

ALPHADC(1) = -10.220   BETAD(2) = -7.890

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5666	.5542	.4855	.3497								
186.380				.5979	.5819	.4758	.2288								
189.920			.6199	.6617	.6095	.3266	-.0973								
193.460			.6929	.7477	.5823	-.2960	-.1639								
197.000		.5881	.7518	.0000	.0000	-.4137	-.0061								
200.540	.4892	.6431	.7358	.7242	-.2776	-.2911	-.0447								
204.080		.5951	.2068	.1384	-.3110	-.2492	-.1846								
207.620				.2223	-.2633	-.2565	-.1341								
222.840											-.0184	-.0334	-.0280	-.0137	
226.380											-.0096	-.0269	-.0309	-.0129	
229.920									.0044	.0595	.0201	-.0662	-.0703	-.0116	
233.460								.0165	.0476	.1388	.1625	-.2258	.0000	.2055	
237.000							-.0024		.0541	.1731	.0000	.0000	-.3569		
240.540										.1131	.1507	.0899	-.2463	-.2126	
244.080															.0909
248.200															.0150
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5167	-.6084	-.5336
237.580			.1750	-.5351	-.5975	-.4825
241.120		.1419	.1693	-.4730	-.5859	-.5323
244.660	.1149	.1411	.1504	-.6284	-.5938	
248.200	.1077	.1421	.1424	-.6550	-.5720	
251.740	.0751	.0747	.1434			
255.280	-.1861	-.1861	-.3405	-.5152	-.4615	-.5956
323.510				-.3375	-.4651	-.5954
327.050			-.1299	-.3453	-.4732	-.6050
330.590	-.0067	-.0620	-.1247	-.3329	-.4792	-.6127
334.130	-.0061	-.0654	-.1420	.0000	-.9035	-.6161
337.670	-.0061	-.0683	-.1402		-.5235	
341.210		-.0668	-.1397	.0000		
344.750	-.0047	-.0625	-.1342	-.3365		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(1) = -10.220   BETAO (3) = -5.900

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5679	.5512	.4765	.3250								
186.380				.5962	.5732	.454.	.1963								
189.920			.6183	.6516	.5934	.2949	-.1319								
193.460			.6880	.7381	.5553	-.3250	-.1058								
197.000	.4734	.5844	.7532	.0000	.0000	-.4069	.0138								
200.540		.6378	.7366	.7249	-.2702	-.2666	-.0718								
204.080		.5912		.1535	-.2836	-.2371	-.2046								
207.620			.2071	.2555	-.2224	-.2300	-.1719								
222.840											-.0063	-.0236	-.0142	-.0037	
226.380										.0165	.0082	-.0195	-.0197	-.0108	
229.920									.0276	.0599	.0498	-.0379	-.0474	-.0155	
233.460									.0452	.1020	.1466	-.1335	.0000	-.1519	
237.000								.0124	.0498	.1126	.0000	.0000	-.2985		
240.540										.0844	.1030	-.0797	-.2168	-.1847	
244.080															.1102
248.200															.0125
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5217	-.6225	-.5058
237.580			.1696	-.5569	-.6119	-.4803
241.120		.1685	.1946	-.4931	-.6100	-.5448
244.660	.1385	.1711	.1870		-.6238	-.6056
248.200	.1302	.1740	.1951		-.6389	-.5952
251.740	.1008	.1012	.2118			
255.280		-.1215	-.2551	-.4970		
323.510				-.3510	-.4590	
327.050			-.1351	-.3579	-.4803	-.6145
330.590		-.0659	-.1301	-.3415	-.4952	-.6093
334.130	-.0069	-.0712	-.1488	.0000	-.4844	-.6160
337.670	-.0087	-.0765	-.1461	.0000	-.5060	-.6259
341.210	-.0162	-.0799	-.1474		-.5289	-.6306
344.750		-.0768	-.1435	-.3501		

ALPHA(1) = -10.230   BETA(1) = -3.930   (RB1232)

ARC11-716 D... C4+T12+S1...Q5+AT10 ET ATTACH PTS.

SECTION ( )ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5749	.5551	.4702	.3106								
186.380				.6013	.5704	.4412	.1765								
189.920			.6239	.6516	.5822	.2729	.1481								
193.460		.9942	.6936	.7365	.5354	.3263	-.0313								
197.000	.4835	.6448	.7622	.0000	.0000	-.3776	.0503								
200.540		.6012	.7452	.7329	-.2291	-.2083	-.0650								
204.080			.2900	.2556	-.2299	-.1894	-.1775								
207.620				.2967	-.2092	-.1810	-.1522								
222.840											.0134	.0015	.0022	.0098	
226.380											.0299	.0067	.0001	.0030	
229.920											.0801	-.0052	-.0198	-.0038	
233.460									.0425	.0332	.1813	-.0891	.0000	-.1358	
237.000								.0324	.0579	.0729					
240.540									.0626	.1155	.0000	.0000	-.2421		
244.080										.1128	.0775	-.0844	-.1626	-.1405	
248.200										.0814					.1280
337.670															.0208

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4861	-.5751	-.4789
237.580		.1816	.1751	-.5357	-.5572	-.4599
241.120		.1970	.2067	-.4871	-.5318	-.4973
244.660	.1500	.1946	.2211		-.5523	-.5613
248.200	.1492	.1397	.2419		-.5790	-.5666
251.740	.1316		.2439			
255.280		-.0108	-.0984	-.4402	-.4371	
323.510				-.3499	-.4905	-.6270
327.050					-.4957	-.6182
330.590		-.0443	-.1059	-.3598	-.4874	-.6205
334.130	.0036	-.0499	-.1031	-.3412		-.6241
337.670	-.0014	-.0562	-.1277	.0000		
341.210	.0005	-.0624	-.1371		-.5193	-.6265
344.750		-.0618	-.1597	-.3443		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(1) = -10.250   BETAO (5) = -1.940

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6250	.6280	.6340	.6390	.6 60
PHI															
182.840				.5743	.5495	.4588	.2907								
186.380				.5951	.5565	.4197	.1488								
189.920			.6289	.6402	.5550	.2370	-.1557								
193.460		.6186	.6954	.7064	.4907	-.2966	.0229								
197.000	.5369	.6614	.7531	.0000	.0000	-.3081	.0645								
200.540		.6284	.7531	.7412	-.1761	-.1508	-.0405								
204.080			.3138	.3849	-.1848	-.1414	-.1299								
207.620				.3849	-.1582	-.1271	-.0998								
222.840												.0453	.0395	.0452	
226.380												.0474	.0395	.0380	
229.920											.0543	.0337	.0155	.0338	
233.460										.0773	.0780	-.0520	.0000	-.1296	
237.000									.0884	.1285	.1450				
240.540								.0752	.1077	.1731	.2419	.0000	-.2396		
244.080									.1092	.1682	.0000	-.0701	-.1505	-.1377	
248.200										.1216	.1141				.1603
337.670															.0843

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4961	-.5570	-.4799
237.580		.2262		-.5145	-.5204	-.4579
241.120		.2246	.2493	-.4494	-.4849	-.4776
244.660	.1925	.2360	.2602		-.5083	-.5201
248.200	.1930	.2362	.2694		-.5497	-.5569
251.740	.1824	.1958	.2545			
255.280		.1029	.0190	-.4445	-.5020	
323.910				-.3424	-.5907	-.6435
327.050		-.0375	-.0882	-.3587	-.5108	-.6383
330.590		-.0456	-.0890	-.3442	-.5017	-.6388
334.130	.0118		-.1207	.0000	-.5147	-.6435
337.670	.0033	-.0542	-.1312		-.5279	-.6453
341.210	.0015	-.0617	-.1333	.0000		
344.750		-.0622	-.1387	-.3377		

ARROW-715 IA14 STATIC-S12N25*AT10 ET ATTACH PTS.   (R81232)

ALPHA DEG(1) = -10.240   BETAD (6) = .050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8570	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5693	.5411	.4496	.2797								
186.380				.5869	.5398	.3989	.1427								
189.920			.5278	.6237	.5292	.2104	-.0674								
193.460		.6242	.6839	.6848	.4535	-.1280	.0912								
197.000	.5525	.6651	.7488	.0000	.0000	-.1782	.0902								
200.540		.6291	.7617	.7270	-.0778	-.1033	-.0285								
204.080			.3682	.3371	-.1112	-.0664	-.0664								
207.620				.3992	-.0658	-.0328	-.0225								
222.840												.0947	.0969	.0810	
226.380											.1340	.1101	.0859	.0797	
229.920										.1858	.1929	.1016	.0935	.0973	
235.460									.1850	.2529	.2947	.0577	.0000	-.1470	
237.000								.1506	.1987	.2343	.3543				
240.840									.1889	.2555	.0000	.0000	-.4232		
244.080										.1928	.1587	-.1232	-.2722	-.2707	
248.280															.2492
337.670															.0321

X/LT	.9810	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040				-.4947	-.5473	-.4410									
237.560				-.4808	-.4995	-.4294									
241.120		.3076	.3123	-.3872	-.4544	-.4512									
244.660	.2750	.3151	.3313		-.4627	-.4828									
248.200	.2734	.3130	.3388		-.4870	-.5085									
251.740	.2639	.2816	.3277												
255.280		.2145	.1358	-.3758	-.5056										
323.510				-.3282	-.4991	-.6463									
327.050		-.0204	-.0646	-.3450	-.5136	-.6445									
330.590	.0238	-.0314	-.0664	-.3334	-.5064	-.6471									
334.130	.0176	-.0445	-.1004	.0000	-.5227	-.6562									
337.670	.0097	-.0562	-.1139		-.5357	-.6702									
341.210			-.1253	.0000											
344.750		-.0561	-.1310	-.3409											

ARC11-716 IA14 Q4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(1) = -10.290   BETAO (7) = 2.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5295	.5002	.4177	.2748								
186.380				.5391	.4881	.3641	.1819								
189.920			.5810	.5623	.4618	.2112	.0802								
193.460		.6027	.6307	.6128	.3608	.0377	.1729								
197.000	.5686	.6470	.7021	.0000	.0000	-.0675	.1603								
200.540		.6173	.7289	.6803	.0044	-.0352	.0666								
204.080			.4051	.3403	-.0244	.0197	.0271								
207.620				.4255	.0280	.0563	.0688								
222.840											.2278	.1602	.1394	.1327	
226.380											.2896	.1800	.1384	.1335	
229.920										.2815	.3886	.1687	.0859	.1538	
233.460									.2594	.3440	.4331	.1471	.0000	-.1269	
237.000								.2041	.2642	.3656	.0000	.0000	-.6359		
240.540									.2403	.3159	.1895	-.1662	-.3846	-.4141	
244.080										.2362					
248.200															.3295
337.670															.0419

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040	.3571		.4253	-.4289	-.5655	-.4247
237.580	.3517	.3941	.4065	-.3896	-.5193	-.4242
241.120	.3452	.3882	.3939	-.2994	-.4635	-.4367
244.660		.3792	.4058		-.4542	-.4714
248.200		.3557	.3867		-.4746	-.4937
251.740		.3058	.2127	-.3136	-.5383	
255.280				-.3183	-.4937	-.6474
323.510			-.0544	-.3335	-.5069	-.6443
327.050	.0411	-.0076	-.0517	-.3209	-.5912	-.6479
330.590	.0328	-.0184	-.0840	.0000	-.5183	-.6562
334.130	.0230	-.0313	-.0963		-.5336	-.6764
337.670		-.0446	-.1043	.0000		
340.210		-.0499	-.1131			
344.750				-.3351		

DATE ...   TABULATED PRESSURE DATA - DATA - VOL. 11

ALPHA ... = -10.25   BETA ... = 4.000   (R01232)

SECTION ... ET ATTACH POINTS   ARBITRARY TRANS CP+T.2+S.CP2+S.CP3 ET ATTACH PTS.

DEPENDENT VARIABLE CP

PHI	.3310	.3370	.4020	.4080	.4150	.4190	.4240	.9070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
182.840				.5193	.4889	.6139	.2890								
186.380				.5357	.4810	.3322	.2117								
189.920			.5921	.5662	.4583	.2214	.1459								
193.460			.6559	.6237	.3665	.1298	.2068								
197.000	.5957	.6232	.0000	.0000	.0000	.0046	.1710								
200.540		.6723	.7166		.1044	.0530	.1054								
204.080		.6386	.7528	.3462	.0878	.0972	.1098								
207.620			.4478	.4781	.1556	.1418	.1521								
222.840											.2304	.1546	.1311	.1381	
226.380										.2898	.2905	.1759	.1309	.1324	
229.920										.3512	.3923	.1667	.0837	.1433	
233.460										.3740	.4457	.1217	.0000	-.1438	
237.000								.2219	.2738	.3321	.0000	.0000			
240.540									.2803			.0000	-.6327		
244.080									.2623	.2625	.2183	-.1357	-.3689	-.4066	
248.200														.4168	
337.670														.0494	

PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4248	-.5961	-.4467
237.580			.4810	-.3993	-.5651	-.4323
241.120		.4707	.4976	-.2796	-.9035	-.4628
244.660	.4512	.4830	.5009	.4880	-.5080	-.5080
248.200	.4479	.4851	.5079	.4887	-.5019	-.5240
251.740	.4512	.4628	.4887			
255.280		.4262	.3310	-.2273	-.6099	-.4884
323.510				-.3144	-.4884	-.6512
327.050		-.0025	-.0458	-.3273	-.5010	-.6473
330.590		-.0052	-.0399	-.3121	-.4930	-.6507
334.130	.0502	-.0177	-.0730	.0000	-.5101	-.6582
337.670	.0435	-.0864			-.5233	-.6714
341.210	.0371	-.0290	-.0926	.0000		
344.790		-.0355	-.0986	-.3234		

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.　　　(RB1232)

ALPHAO(1) = -10.250　　BETAO (9) = 6.090

SECTION (1)ET ATTACH POINTS　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5219	.4968	.4353	.3326								
186.380				.5551	.4886	.3925	.2851								
189.920			.5874	.5618	.4623	.2856	.2569								
193.460			.6430	.6115	.3728	.2533	.2918								
197.000	.9995	.6167	.7139	.0000	.0000	.1231	.2895								
200.540		.6586	.7226	.6984	.1998	.1515	.2315								
204.080		.6311	.5054	.4011	.1931	.1941	.2239								
207.620				.4978	.2451	.2290	.2582								
222.840											.2472	.1567	.1390	.1356	
226.380											.3113	.1762	.1237	.1255	
229.920										.3249	.4201	.1585	.0731	.1368	
233.460									.3146	.3992	.5188	.0851	.0000	-.2559	
237.000								.2564	.3277	.4390	.0000	.0000	-.6856		
240.540									.3138	.4089	.0000	.0000	-.3724		
244.080										.3285	.2860	-.1053		-.4344	
248.200															.5052
337.670															.0483

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3794	-.6608	-.6176
237.580			.5702	-.2350	-.6616	-.5159
241.120		.5724	.5864	.2083	-.6567	-.5444
244.660	.5378	.5767	.5874		-.6309	-.6191
248.200	.5354	.5762	.5894		-.6329	-.6269
251.740	.5392	.5493	.5679			
255.280		.5146	.4285	-.1644	-.7430	
323.510				-.3126	-.4909	-.6593
327.050		.0024	-.0446	-.3251	-.5009	-.6528
330.590		-.0035	-.0402	-.3099	-.4924	-.6549
334.130	.0493	-.0156	-.0700	.0000	-.5087	-.6621
337.670	.0449	-.0248	-.0802	.0000	-.5198	-.6730
341.210	.0398	-.0248	-.0900	.0000		
344.750		-.0295	-.0942	-.3194		

ARC11-716 TA14 C4*72*512C.25*ATIO ET ATTACH PTS.   (RB1232)

XC.ADI 1) = -10.240   BETAO (10) = 8.120

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5174	.5012	.4481	.3634								
186.380				.5367	.4976	.4171	.3349								
189.920			.5816	.5682	.4829	.3424	.3295								
193.460		.8061	.6349	.6308	.4109	.3455	.3490								
197.000	.3666	.6362	.6795	.0000	.0000	.2346	.3994								
200.540		.5947	.6612	.6512	.2626	.2905	.3272								
204.080			.5445	.4533	.2561	.2695	.2977								
237.620				.4981	.3026	.3023	.3212				.2803	.1660	.1396	.1533	
222.840											.3544	.1887	.1218	.1378	
226.380											.4656	.1650	.0610	.1582	
229.920										.3698	.4543	.1130	.0000	-.3025	
233.460								.2877	.3567	.4543	.4656				
237.000									.3727	.4957	.5814	.0000	-.6970		
240.540									.3557	.4532	.0000	.0000	-.3540	-.4260	
244.080										.3704	.3189	-.0862			
246.200															.5780
337.670															.0427

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3373	-.8497	-.7249
237.580				-.2794	-.7163	-.7024
241.120				-.1425	-.7470	-.6725
244.660	.6142	.6632	.6401		-.7455	-.7127
248.200	.6132	.6594	.6622		-.7584	-.7127
251.740	.6111	.6427	.6601			
255.280		.6257	.6452	-.1260	-.7386	-.6788
323.510		.5874	.5044	-.3143	-.5025	-.6661
327.050				-.3246	-.5080	-.6640
330.590		.0013	-.0374	-.3088	-.4971	-.6700
334.130	.0499	-.0033	-.0303	.0000	-.5116	-.6006
337.670	.0442	-.0172	-.0626		-.5220	
341.810	.8398	-.0252	-.0771	.0000		
344.790		-.0290	-.0897	-.3179		

ARC11-716 1A14 C8+T12+S12N25+AT10 ET ATTACH PTS.   (R81232)

ALPHAO(1) = -10.890   BETAO (11) =   10.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4040	.4150	.4190	.4240	.6070	.6120	.6160	.6230	.6280	.6340	.6390	.6160
PHI															
182.840				.5107	.5053	.4614	.3921								
186.380				.5298	.5020	.4414	.3747								
188.920			.5743	.5604	.4940	.3950	.3834								
193.460		.5857	.6180	.6184	.4398	.4201	.4088								
197.000	.5099	.5805	.6250	.0000	.0000	.3816	.4929								
200.540		.5465	.6001	.5942	.3155	.3160	.4191								
204.080			.5738	.5299	.3188	.3437	.3742								
207.620				.5638	.3665	.3632	.4016								
222.040											.3021	.1730	.1473	.1085	
226.380											.3759	.1993	.1276	.1519	
229.920										.3924	.4867	.1777	.0672	.1692	
233.460									.3805	.4767	.5153	.1345	.0000	-.3016	
237.000								.3093	.3952	.5153	.6060	.0000			
240.540									.3764	.4752	.0000	.0000	-.6635		
244.080										.3906	.3389	-.0942	-.3232	-.3971	
246.800															.6308
337.870															.0323

X/T	.9210	.9270	.9320	.9360	.9430	.9480									
PHI															
234.040				-.3358	-.8628	-.7237									
237.580			.6885	-.2760	-.7200	-.7136									
241.120		.7121	.7247	-.1316	-.7544	-.6924									
244.660	.6782	.7211	.7321		-.7511	-.7121									
248.200	.8777	.7142	.7329		-.7594	-.7163									
251.740	.6795	.7000	.7131												
255.280		.6816	.5725	-.0828	-.7240	-.7082									
323.310				-.3290	-.5266	-.6857									
327.050			-.0381	-.3298	-.5238	-.6768									
330.590		-.0044	-.0241	.3075	.5059	-.6787									
334.130	.0438	-.0059	-.0565	.0000	-.5152	-.6787									
337.670	.0416	-.0187	-.0709		-.5214	-.6651									
341.210	.0579	-.0690	-.0771	.0000											
344.750		-.0324	-.0833	-.3140											

ARCH 716 .A14 36+712+312N25+RATIO ET ATTACH PTS.   (R81232)

AVERAGE R.N. = .4 190   BETA(1) = -9.675

SECTION = 1 (ET ATTACH POINTS)   DEFENCE / VARIABLE CP

X/C	.5010	.3975	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.6180	.8230	.8280	.8340	.8390	.9180
182.840				.5441	.5432	.4867	.3669								
186.380				.5609	.5766	.4854	.2554								
189.925			.6023	.6503	.6137	.3524	-.0591								
193.460		.5759	.6763	.7319	.5979	-.261	-.2111								
197.000	.4831	.6293	.7276	.0000	.0000	-.4703	-.0730								
200.540		.5764	.7068	.6988	-.3559	-.3657	.0034								
204.080				.1075	-.3808	-.3034	-.2071								
207.620			.1916	.1843	-.2868	-.2985	-.2192								
222.840											-.0006	-.0161	-.0039	.0101	
226.380											.0164	-.0121	-.0798	.0111	
229.920										.0317	.0607	-.0354	-.0652	.0140	
233.460									.0439	.0968		-.2438	.0000	-.1866	
237.000								.0124	.0658	.1698	.2193				
240.540									.0633	.1812	.000	.0000	-.3291		
244.080										.080	.1273	-.1158	-.2058	-.1654	
248.200															.0890
337.670															.0398

X/C	.9210	.9270	.9320	.9380	.9430	.9480									
234.040				-.4951	-.5748	-.5096									
237.580				-.5220	-.5605	-.4618									
241.120				-.4635	-.5380	-.5024									
244.660	.1103	.1390	.1728		-.5957	-.5543									
248.200	.1038	.1377	.1634		.6310	-.5249									
251.740	.0703	.1380	.1459												
255.280		.0663	.1326												
323.510	-.2122	-.3762	.1128	-.4990	-.4459										
327.050				-.3161	-.4452	-.5727									
330.590	-.0372	-.1077		-.3275	-.4569	-.5806									
334.130	-.0375	-.0972	-.1167	-.3145	-.4656	-.5957									
337.670	.0216	-.0434	-.1186	.0000	-.4937	-.6087									
341.210	.0108	-.0465	-.1193	.0000	-.5160	-.6151									
344.750	.0175	-.0445	-.1196	-.3245											

ARC11-716 IA14 Q4+T12+S12N25+AT10 ET ATTACH PTS.　　　　(RB1232)

ALPHAO(2) = -8.800　　BETAO (2) = -7.980

SECTION (1)ET ATTACH POINTS　　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.5555	.5469	.4805	.3472								
186.390				.5887	.5749	.4708	.2292								
189.920			.8053	.6504	.6035	.3232	-.0942								
193.460		.5731	.6765	.7356	.5759	.2952	-.1722								
197.000	.4700	.6257	.7344	.0000	.0000	-.4258	-.0207								
200.540		.5772	.7140	.7027	-.2934	-.2982	-.0381								
204.080			.1941	.1232	-.3159	-.2565	-.1874								
207.620				.2056	-.2725	-.2656	-.1410								
222.840											.0074	-.0071	-.0081	.0067	
226.390											.0203	.0000	-.0044	.0043	
229.920											.0471	-.0365	-.0450	.0073	
233.460										.0327	.1890	-.1818	.0000	-.1759	
237.000									.0442	.0859					
240.540								.0251	.0694	.1605	.0000	.0000	-.3273		
244.080									.0757	.1867	.1663	-.0898	-.2226	-.1785	
248.800										.1271					.1114
337.670															.0422

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.5045	-.5954	-.5267
237.980			.2057	-.5152	-.5882	-.4664
241.120		.1701	.1955	-.4523	-.5799	-.5190
244.660	.1380	.1640	.1729		-.6127	-.5611
248.200	.1293	.1650	.1714		-.6427	-.5568
271.740	.0962	.0953	.1711			
255.280		-.1564	-.3160	-.4991	-.4454	
323.510				-.3218	-.4556	-.5824
327.050				-.3335	-.4656	-.5870
330.590		-.0402	-.1044	-.3212	-.4764	-.5991
334.130	.0176	-.0422	-.0997	.0000	-.4974	-.6065
337.670	.0162	-.0422	-.1179		-.5149	-.6091
341.210	.0160	-.0427	-.1206	.0000		
344.750		-.0408	-.1190	-.3227		
			-.1191			

DATE 07 ... TABULATED PRESS DATA - TA14A - V.C. 11

ALPHA(2) = -0.000   BETA(3)= -0.000   (R81232)

AN = -0.000 ... 0.*512+.512-.25*.4*10 ET ATTACH ...

SECTION ( ) DET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3913	.3500	.4020	.4080	.4130	.4140	.4240	.8000	.8120	.8180	.8230	.9280	.8340	.8390	.9160
102.840				.5552	.5406	.4561	.3205								
186.380				.5804	.5595	.4456	.1959								
189.920			.5996	.6340	.5799	.2893	-.1283								
193.460		.5664	.6642	.7195	.5372	-.3139	-.0988								
197.000	.4610	.6129	.7254	.0000	.0000	-.4129	-.0108								
200.540		.5702	.7050	.6879	-.2699	-.2676	-.0438								
224.080			.1927	.1449	-.2803	-.2361	-.1957								
227.620				.2250	-.2263	-.2305	-.1734								
222.840											.0169	-.0004	.0088	.0226	
226.380										.0352	.0512	.0067	.0047	.0122	
229.920									.0454	.0757	.0722	-.0111	-.0216	.0092	
233.460								.0334	.0612	.1200	.1655	-.1021	.0000	-.1211	
237.000									.0683	.1278	.0000	.0000	.2619		
240.540										.0994	.1137	-.0628	-.1858	-.1506	
244.080															.1286
248.200															.0329
337.670															

X/T	.9210	.9270	.9320	.9360	.9430	.9480
234.040				-.5066	-.6008	-.5089
237.590			.2005	-.5351	-.5942	-.4599
241.120	.1334	.1084	.2163	-.4646	-.5891	-.5235
244.680	.1473	.1095	.2033		-.6044	-.5869
248.200	.1184	.1084	.2105		-.6251	-.5833
251.740		.1235	.2247			
255.280		-.0036	-.2186	-.4757	-.4455	-.5961
323.510			-.1129	-.3318	-.4627	-.5948
327.050	.0092	-.0042	-.1059	-.3397	-.4752	-.6069
330.590	.0082	-.0491	-.1265	-.3274	-.4748	-.6179
334.130		-.0522	-.1280	.0000	-.5017	-.6197
337.670	.0130	-.0527	-.1264	.0000	-.5225	
341.210		-.0474	-.1221	-.3212		
344.750						

ARC11-i16 1A14 C4+T12+S12N25+ATIO ET ATTACH PTS.   (RB1232)

ALPHAO(2) = -0.220   BETAO (4) = -1.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5651	.5421	.4550	.2898								
186.380				.5846	.5479	.4169	.1518								
189.920			.6135	.6259	.5456	.2360	-.1404								
193.460		.5962	.6713	.6939	.4806	-.2604	.0406								
197.000	.5037	.6395	.7338	.0000	.0000	-.2632	.0767								
200.540		.6023	.7297	.7036	-.1574	-.1545	-.0366								
204.080			.2966	.3117	-.1759	-.1346	-.1273								
207.620				.3440	-.1423	-.1184	-.0928								
222.840											.0695	.0601	.0595	.0610	
226.380											.0972	.0639	.0571	.0559	
229.920											.1679	.0512	.0374	.0474	
233.460										.0975	.2583	-.0160	.0000	-.1117	
237.000								.0893	.1046	.1481	.0000				
240.540									.1211	.1873		.0000	-.2264		
244.080									.1211	.1753	.1170	.0000	-.1390	-.1233	
248.200										.136	.1170	-.0563			
337.670														.1825	.0333

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			-.4755	-.5438	-.4663	
237.580		.2456	-.4964	-.5102	-.4414	
241.120		.2417	.2698	-.4204	-.4569	-.4566
244.660	.2051	.2494	.2721		-.4897	.5012
248.200	.2030	.2463	.2759		-.5223	.5412
251.740	.1925	.2056	.2593			
255.280		.1091	.2273	-.4363	-.4804	
323.510				-.3319	-.4853	
327.050		-.0877		-.3474	-.4914	-.6200
330.590		-.0880	-.0307	-.3305	-.4838	-.6218
334.130	.0167	-.0372	-.1165	.0000	-.4981	-.6269
337.670	.0115	-.0457	-.1230	.0000	-.5120	-.6295
341.210	.0120	-.0516	-.1274			
344.790		-.0581	-.1289	-.3330		

DATE 27 JAN 75   TABULATED PRESSURE DATA - EA14A - VOL. 11

ARG11-716 EA14 CG+T12+S12N2S+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(2) = -8.150   BETA0 (5) =   .010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.5551	.5306	.4440	.2808								
186.380				.5679	.5283	.3962	.1560								
189.920			.5980	.6005	.5174	.2185	-.0285								
193.460		.5908	.6467	.6631	.4397	-.0677	.1270								
197.000	.5217	.6276	.7072	.0000	.0000	-.1453	.1275								
200.540		.5857	.7064	.6580	-.0500	-.0874	.0156								
204.080				.2821	-.0798	-.0426	-.0421								
207.620			.3306	.3625	-.0267	-.0143	-.0034								
222.840											.1569	.1150	.1043	.1002	
226.380											.2187	.1321	.1038	.1005	
229.920										.2028	.3172	.1301	.0749	.1120	
233.460									.1947	.2651	.3654	.0959	.0000	-.1097	
237.000								.1571	.2077	.2932	.0000	.0000	-.3754		
240.540										.2585					
244.080									.1919	.1908	.1525	-.1063	-.2438	-.2751	
248.230															.2608
337.670															.0443

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4667	-.5154	-.4186
237.580			.3471	-.4482	-.4751	-.4178
241.120		.3232	.3527	-.3577	-.4423	-.4250
244.660	.2878	.3262	.3512		-.4497	-.4589
248.200	.2843	.3227	.3652		-.4800	-.4997
251.740	.2743	.2878	.3260			
255.280		.2180	.1362	-.3759	-.4830	-.6330
323.510				-.3200	-.4853	-.6284
327.050		-.0093	-.0606	-.3351	-.4966	-.6317
330.590		-.0210	-.0601	-.3236	-.4884	-.6384
334.130	.0364	-.0369	-.0948	.0000	-.5036	-.6468
337.670	.0259	-.0433	-.1072		-.5172	
341.210	.0177	-.0477	-.1185	.0000		
344.750			-.1226	-.3254		

ALPHAO(2) = -8.190   BETAO (6) = 2.040

ARC11-716 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1252)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5086	.4609	.4069	.2767								
186.380				.5176	.4697	.3617	.1938								
189.920			.5547	.5375	.4493	.2200	.1122								
193.460		.5698	.5978	.5819	.3479	.0659	.1931								
197.000	.5445	.6034	.6570	.0000	.0000	-.0314	.1994								
200.540		.5749	.6731	.6288	.0153	-.0197	.1023								
204.080			.3711	.3070	-.0066	-.0283	.0491								
207.620				.3871	.0425	.0664	.0794								
222.840												.1744	.1560	.1497	
226.380											.2342	.1942	.1525	.1509	
229.920										.2828	.2975	.1863	.1090	.1716	
233.460									.2561	.3431	.3983	.1695	.0000	-.0866	
237.000								.2003	.2576	.3546	.4265	.0000			
240.540									.2324	.2993	.0000	.0000	-.5290		
244.080										.2235	.1754	-.1460	-.3284	-.3373	
248.200															.3335
337.670															.0571

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.4341	-.4093	-.5252	-.4105
237.580		.3941	.4072	-.3793	-.4978	-.4033
241.120		.3808	.3907	-.2901	-.4469	-.4210
244.660	.3550	.3798	.4118		-.4324	-.4592
248.200	.3511	.3557	.4029		-.4382	-.4818
251.740	.3458	.3048	.2100			
255.280				-.3205	-.3107	
323.510				-.3103	-.4825	-.6297
327.050			-.0436	-.3239	-.4949	-.6254
330.590		.0041	-.0407	-.3096	-.4877	-.6279
334.130	.0317	-.0048	-.0736	.0000	.5051	-.6369
337.670	.0435	-.0103	-.0875		-.5195	-.6590
341.210	.0336	-.0310	-.0965	.0000		
344.750		-.0364	-.1038	-.3216		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

AR011-716 (A14 3A+T12V+0+2+25+ATIO ET ATTACH PTS.   (R81232)

ALPHA(2) = -8.240   BETA0(7) = 4.040

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4969	.4692	.3995	.2797								
186.380				.5102	.4620	.3569	.2122								
189.920			.5697	.5413	.4398	.2205	.1539								
193.460		.5945	.6036	.5962	.3428	.1361	.2153								
197.000	.5721	.6385	.6954	.0000	.0000	.0139	.1845								
200.540		.6040	.7132	.6753	.0996	.0463	.1187								
204.080			.4147	.3195	.0909	.0923	.1154								
207.620				.4440	.1520	.1364	.1493								
222.840											.2238	.1599	.1461	.1427	
226.380											.2801	.1792	.1461	.1370	
229.920										.2803	.3733	.1682	.0964	.1431	
233.460									.2677	.3377	.4315	.1157	.0000	-.1146	
237.000								.2188	.2749	.3616	.0000	.0000			
240.540									.2584	.3294	.2222	-.1086	-.4862	-.3181	
244.080										.2602			-.3048		
248.200															.4176
337.670															.0572

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4153	-.6780	-.6264
237.580		.4959	.5019	-.3853	-.6744	-.5333
241.120		.4851	.5055	-.2660	-.6617	-.5499
244.660	.4487	.4712	.4955		-.6513	-.6404
248.200	.4414	.4450	.4760		-.6539	-.6484
251.740	.4357		.4515			
255.280		.3982	.2963	-.2714	-.7242	-.5331
323.510				-.3115	-.4897	-.5479
327.050		.0077	-.0409	-.3265	-.5024	-.6503
330.590		-.0013	-.0376	-.3133	-.4928	-.6578
334.130	.0554	-.0126	-.0698	.0000	-.5097	-.6726
337.670	.0495	-.0242	-.0828	.0000	-.5218	
341.210	.0440	-.0302	-.0877			
344.750			-.0962	-.3211		

ARC11-716 IA14 CX+T1(+S12N25+AT10 ET ATTACH PTS.

ALPHAO(2) = -8.220   BETAO (B) =   6.070   (RB1252)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.840				.5072	.4836	.4230	.3256								
186.380				.3194	.4770	.3833	.2787								
189.820			.5705	.5487	.4523	.2803	.2300								
193.460		.9942		.6230	.3643	.2493	.2685								
197.000	.5708	.6328		.6901	.0000	.1181	.2849								
200.540		.6032		.6947	.1863	.1445	.2333								
204.080				.4805	.1803	.1821	.2175								
207.620															
222.840				.4788	.2383	.2188	.2413				.2522	.1702	.1513	.1508	
226.380											.3170	.1872	.1425	.1407	
229.920										.3278	.4287	.1635	.0817	.1541	
233.460									.3181	.4052	.5282	.0879	.0000	-.2017	
237.000								.2589	.3312	.4443	.0000	.0000	-.5397	-.3456	
240.540									.3147	.4104	.2831	-.0794	-.3019		
244.080										.3260					
248.200															.4898
337.670															.0561

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3508	-.7255	-.6719
237.580			.6095	-.2991	-.6761	-.6359
241.120		.5834	.5922	-.1776	-.6846	-.5986
244.660	.5235	.5621	.5472		-.6820	-.6530
248.200	.5094	.5353	.5292		-.6836	-.6673
251.740	.5052	.5135	.5141			
255.280		.4693	.3790	-.2151	-.7592	
323.510				-.3069	-.4872	-.6605
327.050		.0098	-.0354	-.3223	-.5004	-.6546
330.590		.0021	-.0297	-.3094	-.4919	-.6546
334.130	.0566	-.0098	-.0637	.0000	-.5961	-.6626
337.670	.0510	-.0195	-.0760		-.5180	-.6756
341.210	.0463	-.0253	-.0796	.0000		
344.750			-.0900	-.3148		

ARC1N-716 1A14 O1+Y12+S12+N25+AT10 ET ATTACH PTS.   (R81232)

ALPHA(2) = -8.250   BETA0(9) = 8.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5106	.4961	.4429	.36.1								
186.380				.5260	.4878	.4082	.3277								
189.920			.5681	.5525	.4713	.3344	.3187								
193.460			.6083	.6017	.3979	.3261	.3439								
197.000	.5498	.6049	.6524	.0000	.0000	.2281	.3986								
200.540		.5727	.6395	.6185	.2456	.2156	.3251								
204.080				.4461	.2351	.2546	.2842								
207.620			.5330	.4765	.2832	.2857	.3057								
222.840											.2788	.1755	.1498	.1632	
226.380											.3456	.1977	.1472	.1492	
229.920										.3585	.4582	.1786	.0814	.167	
233.460									.3441	.4338	.5520	.1227	.0000	-.2008	
237.000								.2825	.3562	.4673	.0000	.0000	.0000		
240.540									.3335	.4227	.2915	.0691	-.5554		
244.080										.3379		-.2823	-.3340		
248.200															.5483
337.670															.0397

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3299	-.8195	-.6945
237.580		.6484		-.2827	-.7301	-.6753
241.120		.6350		-.1739	-.7239	-.6384
244.660	.5780	.6068	.6082		-.7164	-.6727
248.200	.5703	.5924	.6082		-.7280	-.6869
251.740	.5685	.5738	.6007			
255.280		.5512	.4790		-.7394	
323.510			-.1314		-.4987	
327.050		-.0390	-.3141		-.5111	-.6749
330.590		-.0372	-.3271		-.5013	-.6669
334.130	.0454	-.0099	-.3160	.0000	-.5142	-.6640
337.670	.0387	-.0230	-.0738		-.5254	-.6726
341.210	.0293	-.0333	-.0884	.0000		-.6617
344.750		-.0369	-.0998	-.3219		

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(2) = -8.240   BETAO (10) = 10.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4993	.4933	.4550	.3849								
186.380				.5172	.4897	.4309	.3662								
189.920			.5556	.5473	.4830	.3858	.3718								
193.460		.5646	.5967	.0008	.4296	.3989	.4026								
197.000	.4908	.5623	.5960	.0000	.0000	.3722	.4870								
200.540		.5199	.5772	.5674	.2937	.2974	.4116								
204.080			.5507	.5090	.2953	.3246	.3557								
207.620				.5458	.3435	.3428	.3822								
222.840											.2931	.1849	.1630	.1780	
226.380											.3574	.2067	.1478	.1604	
229.920											.4616	.1851	.0930	.1729	
233.460										.3812	.4558	.1229	.0000	-.2334	
237.000								.3151	.3738	.4944	.5786	.0000	.0000	.0000	
240.540									.3874	.4622	.0000	-.0244	-.5395	-.3226	
244.080									.3738	.3835	.3384		-.2598		
248.200															.6463
337.670															.0291

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3256	-.8213	-.6955
237.580			.7175	-.2741	-.7004	-.6826
241.120		.7237	.7403	-.1303	-.7206	-.6569
244.660	.6040	.7221	.7406		-.7149	-.6859
248.200	.6640	.7172	.7336		-.7204	-.6922
251.740	.6856	.7039	.7126			
255.280		.6941	.5669	-.0879	-.7289	
323.510				-.3160	-.5109	-.6953
327.050		-.0020	-.0338	-.3261	-.5173	-.6813
330.590		-.0117	-.0286	-.3124	-.5046	-.6740
334.130	.0405	-.0284	-.0676	.0000	-.5160	-.6821
337.670	.03		-.0850	-.5285	-.6865	
341.210	.03	-.0420	-.0946	.0000		
344.750		-.0455	-.1029	-.9853		

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ARC11-716 IA14 D1+T12+S12+S25+AT10 ET ATTACH PTS.   (R81232)

ALPHA(3) = -8.210   BETAO (1) = -10.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5318	.5291	.4778	.3615								
186.380				.5679	.5638	.4755	.2512								
189.920			.5859	.6346	.5982	.3426	-.0645								
193.480		.5553	.6552	.7136	.5825	.2681	.2070								
197.000	.4651	.6040	.7060	.0000	.0000	-.4872	-.0852								
200.540		.5520	.6823	.6698	-.3682	-.3523	.0157								
204.080			.1691	.0971	-.3894	-.3139	-.2093								
207.620				.1713	-.3012	-.3053	-.2075								
222.840											.0315	.0173	.0251	.0392	
226.380											.0494	.0219	.0236	.0392	
229.920										.0612	.0883	-.0156	-.0213	.0439	
233.460									.0703	.1215	.2469	-.1897	.0000	-.1528	
237.000								.0395	.0930	.2015	.0000				
240.540									.0920	.2129	.0000	.0000	-.3976		
244.080										.1414	.1614	-.0926	-.1819	-.1371	
248.200															.1208
337.670															.0455

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4933	-.5767	-.5189
237.580			.2128	-.5107	-.5680	-.4576
241.120			.2041	-.4378	-.5599	-.4963
244.660	.1418	.1688	.1768		-.5952	-.5581
248.200	.1367	.1701	.1697		-.6248	-.5353
251.740	.1063	.1024	.1697			
255.280	-.1616	-.3293	-.4954		-.4383	
323.510			-.3127	-.4430	-.5737	
327.050		-.0982	-.3187	-.4530	-.5801	
330.990	-.0262	-.0905	-.3061	-.4645	-.5955	
334.130	.0265	-.0331	-.1127	.0000	-.4932	-.6060
337.670	.0212	-.0398	-.1165	.0000	-.5148	-.6122
341.810	.0203	-.0442	-.1178			
344.750		-.0407	-.1165	-.3248		

ALPHAO(3) = -8.220   BETAO (2) = -7.960

ARC11-716 IA14 Q14^:12+S12N25+A110 ET ATTACH PTS.   (RB1252)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI														
182.840				.5455	.5368	.4728	.3377								
186.380				.5778	.5671	.4614	.2212								
189.920				.6410	.5944	.3175	-.1007								
193.460		.5970	.6683	.7263	.5712	-.3014	-.1838								
197.000	.4520	.6110	.7246	.0000	.0000	-.4591	-.0460								
200.540		.5603	.6991	.6932	-.3057	-.3087	-.0588								
204.080			.1815	.1144	-.3267	-.2696	-.2035								
207.620				.1898	-.2863	-.2769	-.1614								
222.840											.0369	.0201	.0230	.0373	
226.380											.0473	.0247	.0227	.0360	
229.920										.0587	.0789	-.0041	-.0132	.0379	
233.460									.0681	.1091	.2024	-.1302	.0000	-.1346	
237.000								.0488	.0897	.1714	.0000	.0000			
240.540									.0948	.1941	.0000	.0000	-.2848		
244.080										.1419	.1782	-.0456	-.1919	-.1524	
248.2?0															.1371
337.670															.0451

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4980	-.5822	-.5298
237.580			.2298	-.5108	-.5812	-.4690
241.120			.2244	-.4316	-.5871	-.5029
244.660	.1617	.1950	.1992		-.5960	-.5678
248.200	.1543	.1912	.1941		-.6188	-.5806
251.740	.1256	.1907	.2861			
255.280	-.1077	.1260	-.2592	-.4832	-.4398	
323.510				-.3246	-.4557	-.5844
327.050			-.1045	-.3343	-.4629	-.5854
330.590		-.0317	-.0955	-.3109	-.4642	-.5901
334.130	.0251	-.0322	-.1119	.0000	-.4849	-.5942
337.670	.0228	-.0356	-.1146		-.5060	-.6039
341.210	.0223	-.0392	-.1164	.0000		
344.750		-.0406	-.1166	-.3307		

ARC11-716 1A14 CA+112+S12+25+AT10 ET ATTACH PTS.   (R81232)

ALPHA(3) = -6.230   BETA(3) = -5.960

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5437	.5298	.4592	.3145								
186.380				.5686	.5485	.4386	.1917								
189.920			.5850	.6194	.5681	.2834	-.1329								
193.460			.6449	.7017	.5292	-.3217	-.0925								
197.000	.4450	.9944	.7036	.0000	.0000	-.4097	-.0009								
200.540		.5498	.6811	.6617	-.2788	-.2679	-.0334								
204.080				.1427	-.2866	-.2429	-.1582								
207.620			.1775	.2118	-.2248	-.2394	-.1835								
222.640											.0405	.0262	.0303	.0456	
226.380											.0598	.0398	.0297	.0423	
229.920											.1088	.0152	.0032	.0319	
233.460									.0697	.C641	.1914	-.0719	.0000	-.0921	
237.000								.0554	.0857	.1046	.0000	.0000	-.2323		
240.540									.0903	.1436	.1277	-.0467	-.1576	-.1267	
244.080										.1462					
248.200										.1184					
337.670														.1511	
														.0393	

X/LT	.3210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4890	-.5767	-.5129
237.580			.2267	-.5185	-.5680	-.4541
241.120		.2153	.2424	-.4343	-.5677	-.4882
244.660	.1772	.2138	.2318		-.5780	-.5619
248.200	.1703	.2107	.2323		-.5960	-.5652
251.740	.1475	.1583	.2435			
255.280	-.0195		-.1387	-.4564	-.4336	-.6016
323.510				-.3317	-.4667	-.6031
327.050			-.1060	-.3440	-.4764	-.6137
330.590		-.0365	-.0991	-.3311	-.4800	-.6095
334.130	.0181	-.0403	-.1184	.0000	-.5018	-.6094
337.670	.0163	-.0406	-.1213		-.5116	-.6034
341.810	.0186	-.0418	-.1210	.0000		
344.790		-.0410	-.1208	-.3173		

ARC11-716 IA14 C4+T12+S12M25+AT10 ET ATTACH PTS.   (R81232)

ALPHAO(3) = -8.120   BETAO (4) = -1.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8400
PHI															
182.840				.5433	.5229	.4410	.2632								
186.380				.5607	.5290	.4046	.1493								
189.980			.5964	.6007	.5265	.2514	-.1217								
193.480		.5637	.6341	.6690	.4651	-.2111	.0617								
197.000	.4765	.6007	.6904	.0000	.0000	-.2402	.0843								
200.540		.5596	.6861	.6576	-.1442	-.1545	-.0173								
204.080			.2636	.2368	-.1704	-.1292	-.1126								
207.620				.3031	-.1292	-.1075	-.0877								
222.840											.0888	.0779	.0726	.0770	
226.380											.1196	.0802	.0734	.0701	
229.925											.1920	.0728	.0573	.0714	
233.480									.1214	.1166		.0152	.0000	-.0484	
237.000								.1015	.1347	.1645	.2668				
240.540									.1334	.1991	.0000	.0000	-.2030		
244.080										.1904	.0000	-.0432	-.1192	-.1091	
248.200										.1403	.1217				.2052
337.670															.0487

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4754	-.5416	-.4595
237.580				-.4905	-.5085	-.4351
241.120				-.4070	-.4641	-.4459
244.660	.2295	.2720	.2854		-.4797	-.4931
248.200	.2313	.2809	.3055		-.5226	-.5298
251.760	.2211	.2748	.3099			
255.280		.2373	.3147			
323.510	.1625		.2748	-.4173	-.4885	-.6181
327.030			.0839	-.3339	-.4775	-.6096
330.990		-.0263	-.0882	-.3434	-.4839	-.6440
334.130	.0245	-.0306	-.0867	-.3249	-.4757	-.6215
337.670	.0199	-.0361	-.1114	.0000	-.4921	-.6292
341.810	.0190	-.0445	-.1184		-.5106	
344.750		-.0460	-.1230	-.3575		

ARG11-716 IA14 IA+T12-51:2R25*AT10 ET ATTACH PTS.   (RB1232)

ALPHA(5) 3) = -6.190   BETA(0,5) = .000

SECTION 1 (ET ATTACH POINTS)   DEPENDENT VARIABLE Cp

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.5230	.8340	.8390	.8160
182.840				.5286	.5079	.4290	.2792								
186.380				.5395	.5023	.3858	.1682								
189.920				.5647	.4923	.2237	.0184								
193.460			.5586	.6261	.4156	-.0345	.1527								
197.000	.4929	.5793	.9959 .6440	.0000	.0000	.1007	.1632								
200.540		.5311	.6405	.5884	-.0363	-.0663	.0814								
204.080			.2969	.2335	-.0661	-.2272	-.0105								
207.620				.3186	-.0203	.0001	.0081								
222.840															
225.380										.2158	.1721	.1331	.1225	.1171	
228.920									.2790	.2338	.1512	.1512	.1225	.1210	
235.460								.2021	.3040	.3397	.1548	.1306	.0933	.1337	
237.000							.1638	.2107	.2612	.3759	.1306	.0000	.0000	-.0821	
240.540															
244.080								.1947		.0000	.0000	-.3370			.2030
248.800									.1896	.1520	-.0961	-.2171	-.8181		.0901
37.670															

X/T	.9210	.9270	.9320	.9360	.9410	.9430	.9485
234.040				-.4579	-.5359	-.4428	
237.580			.4124	-.4184	-.5610	-.4197	
241.120		.3566	.3921	-.3135	-.4700	-.4323	
244.680	.3102	.3452	.3666		-.4492	-.4757	
248.200	.3086	.3441	.3875		-.4774	-.5001	
251.740	.2956	.3120	.3549				
255.280		.2901	.1559	-.3586	-.4826		
323.510				-.3232	-.4810	-.6263	
327.090		-.0180	-.0665	-.3352	-.4893	-.6207	
330.590	.0345	-.0210	-.0626	-.3213	-.4821	-.6222	
334.130	.0281	-.0318	-.0950	.0000	-.4962	-.6276	
337.670		-.0391	-.1063	.0000	.5072	-.6315	
341.210	.0252	-.0397	-.1154	-.3177			
344.750			-.1175				

ARG11-716 1A14 QX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA0(3) = -6.120   BETAO (8) =   2.030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6160
182.840				.4822	.4546	.3883	.2640								
186.360				.4860	.4439	.3452	.1944								
189.980			.5209	.5051	.4194	.2221	.1230								
193.480		.5570	.5594	.5469	.3907	.0682	.2117								
197.000	.3141	.5620	.6107	.0000	.0000	.0142	.2229								
200.540		.5527	.6190	.3724	.0124	-.0179	.1352								
204.090			.3295	.2654	-.0013	.0237	.1352								
207.620				.3437	.0446	.0575	.0837								
222.840											.2372	.1844	.1747	.1781	
226.360											.3021	.2056	.1737	.1734	
229.920										.2819	.4039	.2035	.1308	.1845	
235.480									.2539	.3356	.4065	.1964	.0000	-.0301	
237.000								.2015	.2526	.3448					
240.540									.2259	.2929		.0000	-.4209		
244.090										.2137	.1656	-.1124	-.2637	-.2487	
248.200															.3442
337.670															.0564

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4083	-.4809	-.3932
237.560			.4543	-.3761	-.4678	-.3891
241.120		.4012	.4196	-.2919	-.4289	-.4058
244.680	.3647	.3908	.4041		-.4302	-.4430
248.200	.3632	.3933	.4301		-.4384	-.4706
251.740	.3624	.3742	.4331			
255.280		.3318	.2390	-.3067	-.5002	
323.510				-.3095	-.4799	-.6166
327.050		.0055	-.0472	-.3262	-.4894	-.5163
330.590	.0518	-.0029	-.0433	-.3106	-.4817	-.6202
334.130	.0448	-.0148	-.0747	.0000	-.4981	-.6297
337.670	.0396	-.0240	-.0863		-.5099	-.6494
341.810		-.0512	-.0978	.0000		
344.750			-.1019	-.3172		

ARC11-716 1A14 CA+T12+S12(25+AT10 ET ATTACH PTS.   (R81252)

ALPHA(3) = -8.110   BETA(7) = 4.060

SECTION INLET ATTACH POINTS   DEPENDENT VARIABLE CP

X/CT	.39?	.39?	.4020	.4080	.413?	.419?	.4240	.807?	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.849				.4668	.4427	.3791	.2729								
186.390				.4874	.4442	.3428	.2146								
189.920			.5348	.5142	.4192	.2242	.1632								
193.460		.5619	.5866	.5617	.3234	.1435	.2252								
197.000	.5567	.6017	.6484	.0000	.0000	.0240	.2172								
200.540		.5627	.6624	.6367	.0858	.0441	.1385								
204.080			.3710	.2890	.0835	.0863	.1164								
207.620				.4141	.1410	.1248	.1385								
222.840											.2346	.1802	.1635	.1612	
226.380											.2919	.1945	.1632	.1584	
229.920										.2838	.3718	.1840	.1237	.1992	
233.460								.2733	.3396	.4346	.1255	.0000	-.0680	
237.000							.2286	.2802	.3693	.0000	.0000	.0000	-.3412	
240.540								.2649	.3351	.2351	-.0553	-.2025	-.1932	
244.080									.2649					.4307
248.200														.0001
33?.6?0														

X/CT	.9210	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040			.5377	-.4041	-.6271	-.6031									
237.580			.5231	-.3692	-.6307	-.5173									
241.120	.4972	.4966	.4910	-.2465	-.6228	-.5080									
244.680	.4528	.4828	.4884		-.6122	-.5954									
248.200	.4484	.4705	.4907		-.6107	-.6106									
251.740		.4563	.3197	-.2427	-.7008										
255.280		.4246		-.3114	-.4852	-.6423									
323.510			-.0416	-.3252	-.4959	-.6392									
327.090		.0123	-.0367	-.3095	-.4859	-.6392									
330.590	.0632	.0057	-.0607	.0000	.501?	-.646?									
334.130	.0574	-.0053	-.0782		-.5129	-.6618									
337.670	.0511	-.0145	-.0841	.0000											
341.210		-.0203	-.0874	-.3126											
344.790															

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ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(3) = -6.190   BETAO (8) = 6.080

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4903	.4716	.4116	.3200								
186.380				.5087	.4654	.3735	.2748								
189.920			.5542	.5342	.4453	.2745	.2443								
193.460		.5675	.6006	.5864	.3560	.2397	.2867								
197.000	.5359	.6006	.6564	.0000	.0000	.1127	.2963								
200.540		.5641	.6531	.6319	.1729	.1344	.2359								
204.080			.4424	.3619	.1721	.1697	.2055								
207.620				.4458	.2196	.2570	.2286								
222.840											.2664	.1910	.1733	.1724	
226.380											.3283	.2070	.1629	.1685	
229.920									.3188	.3316	.4363	.1910	.1119	.1839	
233.460								.2630	.3262	.4025	.5079	.1245	.0000	-.1044	
237.000									.3063	.4308	.0000	.0000			
240.540										.3884		.0000	-.3748		
244.080										.3061	.2671	-.0371	-.1967	-.1971	
248.200															.4077
337.670															.0608

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3424	-.7085	-.6442
237.580			.6197	-.2988	-.6571	-.6119
241.120		.5506	.5777	-.1971	-.6586	-.5624
244.660	.5088	.5315	.5398	-.6622	-.6127
248.200	.5037	.5175	.5413	.0000	-.6571	-.6340
251.740	.5017	.5030	.5403			
255.280		.4763	.3947	-.1807	-.7530	-.6512
323.510				-.3104	-.4859	-.6465
327.050			-.0386	-.3211	-.4995	-.6458
330.590		.0075	-.0329	-.3104	-.4897	-.6542
334.130	.0590	.0014	-.0664	.0000	-.5031	-.6658
337.670	.0537	-.0095	-.0769		-.5131	
341.210	.0442	-.0182	-.0869	.0000		
344.750		-.0189	-.0885	-.3091		

ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(3) = -6.190   BETAO (9) = 8.090

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.4988	.4879	.4386	.3583								
186.380				.5143	.4797	.4073	.3255								
189.920			.5375	.5352	.4607	.3288	.3123								
193.460		.5530	.5820	.5827	.3913	.3138	.3430								
197.000	.5148	.5725	.6148	.0000	.0000	.2301	.4056								
200.540		.5357	.5992	.5853	.2322	.2146	.3285								
204.080			.4823	.4118	.2307	.2424	.2744								
207.620				.4436	.2673	.2706	.2887								
222.840												.1984	.1794	.1855	
226.380											.2805	.2168	.1776	.1730	
229.920										.3532	.3407	.1984	.1224	.1842	
233.460									.3443	.4205	.4439	.1296	.0000	-.1082	
237.000								.2917	.3522	.4498	.5278	.0000	-.3518		
240.540									.3369	.4141	.0000	.0004	-.1616		
244.080										.3412	.3045			-.1794	
248.200														.5721	
337.670															.0354

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3362	-.7400	-.6491
237.580			.6631	-.2964	-.6659	-.6229
241.120		.6267	.6499	-.1792	-.6782	-.5842
244.660	.5930	.6232	.6346		-.6754	-.6327
248.200	.5912	.6150	.6412		-.6769	-.6581
251.740	.5930	.6051	.6282			
255.280		.5692	.4814	-.1225	-.7330	
323.510				-.3087	-.4913	-.6653
327.050			-.0405	-.3250	-.5047	-.6612
330.590			-.0425	-.3117	-.5008	-.6588
334.130	.0371	-.0129	-.0755	.0000	-.5098	-.6663
337.670	.0338	-.0215	-.0875		-.5180	-.6790
341.210	.0255	-.0360	-.0903	.0000		
344.750		-.0382	-.0934	-.3132		

ARC11-716 1A14 CA-T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(3) = -6.170   BETAO (10) = 10.090

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
182.840				.4874	.4846	.4467	.3818								
186.380				.5073	.4841	.4284	.3674								
189.920			.5414	.5394	.4806	.3847	.3737								
193.480		.5422	.5755	.5923	.4335	.3863	.4067								
197.000	.4573	.5325	.5745	.0000	.0000	.3761	.4853								
200.540		.4879	.5437	.5467	.2911	.2930	.4178								
204.080			.5014	.4546	.2936	.3166	.3564								
207.620				.4851	.3337	.3336	.3662					.2140	.2006	.2034	
222.840												.2290	.1840	.1865	
226.380											.3019	.2017	.1344	.2079	
229.920										.3822	.3607	.1291	.0000	-.1289	
233.480									.3822	.4552	.4573				
237.000								.1269	.3968	.4954	.5762	.0000	-.3211		
240.540									.3802	.4664	.0000	.0433	-.1363	-.1424	
244.080										.3940	.3546				.6517
248.200															.0054
337.670															

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3291	-.7665	-.6550
237.580				-.2847	-.6722	-.6414
241.120		.7316	.7633	-.1355	-.6824	-.6162
244.660	.6864	.7288	.7516	-.6812		-.6542
248.200	.6936	.7151	.7346	-.6742		-.6625
251.740	.6941	.6983	.7028			
255.280		.6726	.5600	-.0932	-.7264	
323.510			-.3147	-.5046	-.6353	
327.090		-.0231	-.0424	-.3396	-.5192	-.6802
330.590		-.0312	-.0453	-.3242	-.5151	-.6753
334.130	.0186		-.0841	.0000	-.5220	-.6645
337.670	.0114	-.0498	-.1011		-.5377	-.6914
341.210	.0026	-.0600	-.1099	.0000		
344.750		-.0609	-.1165	-.3306		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 0A+T12+B12H25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAC(4) = -4.240   BETAC (1) = -10.010

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

PHI

X/C	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.5141	.5147	.4633	.3490								
186.380				.5488	.5465	.4587	.2392								
189.920			.5595	.6112	.5786	.3273	-.0745								
193.460		.5236	.6245	.6851	.5548	-.2793	-.2081								
197.000	.4357	.5719	.6693	.0000	.0000	-.4939	-.1114								
200.540		.5210	.6428	.6253	-.3879	-.3665	.0226								
204.080			.1392	.0690	-.4067	-.3319	-.2176								
237.620				.1290	-.3252	-.3161	-.2139								
222.840												.0450	.0474	.0561	
226.380											.0573	.0537	.0471	.0597	
229.920										.0738	.0716	.0304	.0213	.0645	
233.460									.0851	.1231	.1109	-.1101	.0000	-.0859	
237.000								.0641	.1039	.1835	.2368	.0000			
240.540									.1005	.1903	.0000	.0000	-.2046		
244.080										.1313	.1545	-.0457	-.1279	-.0875	
248.200															.1321
337.670															.0361

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4913	-.5734	-.4854
237.580			.1972	-.5316	-.5636	-.4499
241.120		.1725	.2036	-.4908	-.5507	-.5110
244.660	.1452	.1751	.1952		-.576.	-.5674
248.200	.1439	.1790	.2229		-.5863	-.5664
251.740	.1200	.1153	.2255			
255.280		-.0942	-.2179	-.4647	-.4297	-.5837
323.510				-.3135	-.4497	-.5982
327.050		-.1061	-.3252	-.4654	-.6150	
330.590		-.0423	-.1015	-.3193	-.4838	-.6233
334.130	.0152	-.0430	-.1233	.0000	-.5138	-.6349
337.670	.0127	-.0487	-.1294		-.5351	
341.210	.0107	-.0511	-.1289	.0000		
344.750		-.0501	-.1284	-.3510		

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O4+^12+S12K2S+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(4) = -4.270   BETAO (2) = -8.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.9160
PHI															
182.840				.5257	.5172	.4540	.3229								
186.380				.5537	.5432	.4422	.2069								
189.920			.5725	.6123	.5650	.2970	-.1130								
193.460		.5383	.6380	.6848	.3285	-.3160	-.1960								
197.000	.4264	.5879	.6928	.0000	.0000	-.4469	-.0567								
200.540		.5426	.6633	.6671	-.3343	-.3351	-.0389								
204.080			.1703	.1269	-.3598	-.2938	-.2126								
207.620				.1966	-.3086	-.2979	-.1802								
222.840											.0613	.0405	.0543	.0564	
226.380											.0762	.0549	.0525	.0651	
229.920										.0777	.1101	.0293	.0205	.0630	
233.460									.0895	.1293	.2375	-.1061	.0000	-.0905	
237.000								.0726	.1139	.1968	.0020	.0000	.0000		
240.540									.1157	.2104	.1873	-.0334	-.2360		
244.080										.1588			-.1462	-.1024	
248.290															.1461
337.670															.0432

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4962	-.5665	-.5069
237.580			.2253	-.5154	-.5567	-.4531
241.120		.1992	.2307	-.4488	-.5547	-.4895
244.560	.1700	.1974	.2079	-.5790	-.581	
248.200	.1621	.1979	.2215	-.5867	-.5583	
251.740	.1409	.1460	.2410			
255.280		-.0344	-.1578	-.4596	-.4285	-.5948
323.510				-.3264	-.4621	-.5889
327.050		-.0308	-.0995	-.3194	-.4577	-.5945
330.590		-.0308	-.0922	-.3039	-.4655	-.6064
334.130	.0239	-.0391	-.1117	.0000	-.4932	-.6251
337.670	.0213	-.0442	-.1175		-.5247	
341.210	.0195	-.0450	-.1186	.0000		
344.750			-.1188	-.3455		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

4RG11-716 IA14 GG+F12+G:2+25+AT1D ET ATTACH PTS.   (RB1232)

ALPHA(X 4) = -4.290   BETA(X 3) = -5.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
182.840				.5317	.5213	.4500	.3040								
186.380				.5595	.5496	.4295	.1819								
189.920			.5746	.6091	.5582	.2756	-.1415								
193.460			.6329	.6918	.5215	-.3337	-.1150								
197.000	.4326	.5854	.6894	.0000	.0000	-.4347	-.0224								
200.540		.5386	.6735	.6545	.3111	-.2930	-.0280								
204.080			.1721	.1222	.3133	-.2654	-.2157								
237.620				.2013	.2621	-.2619	-.2159								
222.840											.0698	.0560	.0623	.0721	
226.380											.0906	.0575	.0577	.0659	
223.920										.0966	.1489	.0431	.0329	.0599	
233.460									.1007	.1367	.2306	-.0427	.0000	-.0764	
237.000								.0820	.1169	.1762	.0000	.0000	.0000		
240.540									.1182	.1768	.0000	.0000	-.2097	-.1043	
244.080										.1411	.1499	-.0302	-.1350		
248.200															.1702
337.670															.0454

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.2585	-.4624	-.5412	-.5021
237.580		.2463	.2734	-.4954	-.5195	-.4459
241.120		.2393	.2523	-.3970	-.4983	-.4544
244.660	.2027	.2303	.2461	-.5032	-.5032	-.5057
248.200	.1939	.1878	.2377	-.5241	-.5241	-.5386
251.740	.1772	.0617	-.0415	-.4536	-.4373	
255.280				-.3492	-.4982	-.6351
323.510			-.0977	-.3567	-.5200	-.6279
327.050			-.0933	-.3244	-.4883	-.6201
330.590	.0238	-.0302	-.1151	.0000	-.4948	-.6038
334.130	.0212	-.0352	-.1181	.0000	-.5957	-.6092
337.670		-.0401	-.1202	.0000		
341.210	.0161	-.0448	-.1202	-.3285		
344.750		-.0438	-.1202			

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T12+S12N23+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(4) = -4.250   BETAO (4) = -3.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.800				.5322	.5161	.4414	.2917								
186.380				.5527	.5297	.4150	.1624								
189.920			.5679	.5948	.5417	.2524	-.1494								
193.460		.5397	.6257	.6710	.4871	-.3047	-.0174								
197.000	.4499	.5735	.6733	.0000	.0000	-.3445	.0444								
200.540		.5325	.6549	.6269	-.2348	-.2246	-.0046								
204.080			.1992	.1553	-.2463	-.1996	-.1667								
207.620				.2312	-.2137	-.1943	-.1664								
222.840															
226.380											.0722	.0578	.0578	.0743	
229.920										.0999	.0989	.0645	.0606	.0663	
233.460									.1056	.1471	.1628	.0532	.0464	.0363	
237.000								.0889	.1204	.1882	.2444	-.0225	.0000	-.0866	
240.540									.1207	.1787	.0000	.0000	-.1861		
244.080										.1361	.1287	-.0409	-.1033	-.0913	
248.200															.1926
337.670															.0511

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4638	-.5217	-.4330
237.580			.2610	-.4930	-.4640	-.4229
241.120		.2659	.2846	-.4245	-.4203	-.4297
244.660	.2207	.2749	.2985		-.4309	-.4507
248.200	.2184	.2651	.2931		-.4578	-.4854
251.740	.2070	.2264	.2569			
255.280		.1389	.0647	-.4193	-.4478	
323.510				-.3314	-.4789	-.6190
327.050			-.0922	.1493	-.4963	-.6271
330.590			-.0803		-.5012	-.6439
334.130	.0307	-.0261	-.1044	.0000	-.5224	-.6491
337.670	.0286	-.0297	-.1135			-.6335
341.810	.0244	-.0328	-.1153	.0000	-.5284	
344.790		-.0372	-.1192	-.3162		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 M+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(4) = -4.240   BETA(5) = -1.960

SECTION INLET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5129	.4963	.4225	.2758								
185.380				.5278	.4993	.3869	.1526								
189.920			.5430	.5576	.4963	.2243	.0702								
193.460			.5835	.6200	.4394	.1497	.1083								
197.000	.4516	.5158	.6259	.0000	.0000	.1823	.1178								
200.540		.5445	.6064	.5715	.1219	.1367	.0525								
204.080		.4934	.2249	.1636	.1423	.1038	.0733								
207.620				.2529	.1038	.1038	.0721								
222.840											.1105	.0972	.0969	.0992	
226.380											.1418	.1039	.0956	.0935	
229.920										.1344	.2136	.1095	.0876	.0964	
233.460									.1382	.1792	.2787	.0577	.0000	-.0513	
237.000									.1480	.2131	.0000	.0000			
240.540								.1182	.1449	.1933	.1280	-.0251	-.1671	-.0915	-.0863
244.080										.1503					
337.670														.2378	.0510

PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4673	-.5365	-.4570
237.580		.2968	.3204	-.4797	-.5027	-.4262
241.120		.3060	.3409	-.3859	-.4595	-.4376
244.660	.2604	.3104	.3448		-.4688	-.4889
248.200	.2635	.2824	.3524		-.5045	-.5220
251.740	.2601	.2211	.3350	-.3777	-.5135	-.6123
255.280			.1411	-.3340	-.4775	-.6082
323.510				-.3358	-.4770	-.6157
327.050		-.0189	-.0896	-.3149	-.4754	-.6157
330.590		-.0241	-.0834	.0000	-.4990	-.6312
334.130	.0317	-.0315	-.1046		-.5267	-.6470
337.670	.0311	-.0349	-.1080	.0000		
341.210	.0316	-.0359	-.1080	.0000		
344.750			-.1095	-.3286		

ARC11-716 1A14 O4+T12+S12M25+AT1O ET ATTACH PTS.   (RB1232)

ALPHA0(4) = -4.220   BETA0 (6) = .020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4893	.4702	.4033	.2663								
186.380				.4938	.4661	.3623	.1749								
189.920			.5078	.5107	.4499	.2241	.0653								
193.460		.5001	.5393	.5646	.3779	-.0074	.1805								
197.000		.5191	.5719	.0000	.0000	-.0538	.1897								
200.540	.4591		.5565	.5089	-.0365	-.0550	.1459								
204.080		.4685	.5565	.5089	-.0561	-.0231	.0192								
207.620			.2569	.2649	-.0209	-.0013	.0145								
222.840											.1886	.1490	.1433	.1396	
226.380											.2482	.1695	.1474	.1477	
229.920									.2120	.2248	.3434	.17??	.1259	.1572	
233.460									.2197	.2854	.3755	.1683	.0000	-.0399	
237.000								.1724	.2040	.3075					
240.540										.2628	.0000	.0000	-.2796		
244.080										.1965	.1560	-.0740	-.1759	-.1867	
248.200															.3103
331.670															.0533

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4433	-.5414	-.4569
237.590			.4696	-.4058	-.5228	-.4043
241.120		.4057	.4589	-.2792	-.4595	-.4136
244.560	.3472	.5844	.4009	-.4329	-.4571
24?.??	.3428	.3752	.4050	.94	-.4791
251.740	.3395	.3557	.3980	-.3159	-.5034	
255.280		.3056	.2202	-.3291	-.4856	-.6235
323.510				-.3414	-.4900	-.6204
327.050		-.0127	-.0750	-.3223	-.4776	-.6204
330.590		-.0148	-.0710	.0000	-.4915	-.6240
334.130	.0349	-.0227	-.964	.0000	-.5045	-.6264
337.670	.0326	-.0299	-.1098	.0000		
341.810	.0335	-.0315	-.1054	-.3197		
344.750			-.1077			

ARC11-716 1A14 Q1+T12+S12N25+RATIO ET ATTACH FTS.   (R81232)

ALPHA(1 4) = -4.290   BETA0 (7) = 2.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4535	.4329	.3697	.2561								
186.380				.4580	.4201	.3511	.1951								
189.920			.4030	.4752	.3993	.2123	.1224								
193.460		.4954	.5194	.9363	.3042	.0655	.2084								
197.000	.4804	.5256	.5656	.0000	.0000	-.0003	.2253								
200.540		.4799	.5733	.5324	-.0008	-.0235	.1590								
204.080				.2856	.2315	-.0080	.0131	.0469							
207.620				.3174	.0297	.0428	.0692								
222.840											.2405	.1969	.1063	.1847	
226.380										.2751	.2990	.2162	.1861	.1938	
229.920										.3215		.2208	.1556	.2007	
233.460									.2467	.3256	.3912	.2190	.0000	.0245	
237.000								.2005	.2439		.2784				
240.540									.2208	.2690	.0000	.0000	-.3272		
244.080										.2097	.1688	-.0719	-.2003	-.1880	
337.670														.3710	.0844

X/LT	.8210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4242	-.4534	-.3775
237.580				-.4025	-.4353	-.3680
241.120				-.3209	-.4067	-.4070
244.660	.3858	.4122	.4473		-.4240	-.4485
248.200	.3886	.4048	.4342		-.4418	-.4617
251.740	.3950	.4099	.4217			
255.280		.4051	.4542			
323.510	.3761		.2870	-.2708	-.5259	
327.090				-.3180	-.4855	-.6123
330.990			-.0493	-.3295	-.4945	-.6173
334.130	.0359	.0037	-.0442	-.3122	-.4847	-.6188
337.670	.0465	-.0023	-.0755	.0000	-.5002	-.6287
341.210	.0413	-.0138	-.0873		-.5114	-.6455
344.750		-.0215	-.0899	.0000		
		-.0237	-.0997	-.5119		

ARC11-716 IA14 04+T10 S12N25+AT10 ET ATTACH FTS.   (P31232)

ALPHAO(4) = -4.310   BETAO(8) =   4.040

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4358	.4343	.3718	.2684								
188.380				.4726	.4292	.3361	.2132								
188.920			.5146	.4962	.4088	.2186	.1603								
193.460			.5575	.5404	.3090	.1348	.2247								
197.000	.5079	.5667	.6140	.0000	.0000	.0209	.2344								
200.540		.5263	.6219	.5932	.0674	.0285	.1506								
204.080			.3275	.2493	.0658	.0740	.1069								
207.620				.3794	.1172	.1057	.1260								
222.840										.2884	.2460	.2025	.1934	.1908	
226.380										.3431	.2925	.2163	.1924	.1834	
229.920										.3692	.3784	.2056	.1531	.1927	
233.460									.2787		.4303	.1483	.0000	-.0079	
237.000								.2373	.2859						
240.540									.2685	.3347		.0000	.0000	-.2077	
244.080										.2669	.2391	.0042	-.1058	-.0995	
248.200															.4440
337.670															.0720

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.5003	.5526	-.4033	-.6056	-.5768
237.580		.4842	.5371	-.3708	-.6148	-.4984
241.120	.4628	.4786	.5023	-.2557	-.5965	-.4847
244.660	.4569	.4617	.5000		-.5601	-.5673
248.200	.4564	.4364	.5064		-.5757	-.5833
251.740			.3368			
255.280				-.2219	-.6870	
323.510				-.3129	-.4813	-.6343
327.050			-.0434	-.3250	-.4916	-.6294
330.590	.0640	.0127	-.0369	-.3075	-.4816	-.6318
334.130	.0399	.0101	-.0661	.0000	-.4968	-.6385
337.670	.0564	-.0001	-.0771	.0000	-.5079	-.6532
341.810		-.0065	-.0771			
344.750		-.0123	-.0600	-.3057		

DATE BY JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 24*T12+S12*25*A110 ET ATTACH FTS.   (RB1232)

ALPHADI A(1) = -4.220   BETAS (9) = 8.060

SECTION (I/ET ATTACH POINTS   DEPENDENT VARIABLE CP

M/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4717	.4634	.4186	.3419								
186.380				.4863	.4557	.3888	.3083								
189.920			.9098	.4997	.4372	.3173	.2925								
193.460		.5098	.5357	.5386	.3688	.2889	.3291								
197.000	.4722	.5216	.5679	.0000	.0000	.2322	.4050								
200.540		.4863	.5447	.5334	.2045	.1930	.3347								
204.080				.5533	.2032	.2158	.2555								
207.620			.4151	.3922	.2391	.2394	.2638								
222.840												.2293	.2187	.2185	
226.300											.2954	.2422	.2081	.2099	
229.920											.3482	.2221	.1680	.2223	
233.460										.3623	.4442	.1421	.0000	-.0341	
237.000								.3073	.3569	.4264	.5345	.0000			
240.540									.3683	.4609	.0000	.0000	-.1729		.5921
247.080										.4390	.0000	.0723	-.0485	-.0472	.0311
248.200									.3531	.3621	.3297				
337.670															

M/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3350	-.7090	-.6305
237.580		.6593	.7039	-.2977	-.6513	-.6062
241.120			.6900	-.1689	-.6599	-.5663
244.660	.6168	.6477	.6655		-.6596	-.6179
248.200	.6111	.5315	.6529		-.6472	-.6401
251.740	.6114	.6176	.6346			
255.280		.5964	.4759	-.1425	-.7461	
323.510				-.3267	-.9000	-.6689
327.030			-.0664	-.3414	-.5190	-.6666
330.590		-.0140	-.0599	-.3303	-.5067	-.6627
334.130	.0324	-.0186	-.0914	.0000	-.5158	-.6702
337.670	.0285	-.0315	-.1009		-.5251	-.6798
341.810	.0205	-.0414	-.1055	.0000		
364.750		-.0443	-.1066	-.3257		

AR-11-716 1A14 D1+T12+S12+S25+AT10 ET ATTACH FTS   (RB1232)

ALPHA ... = -4.210   BETAO (10) = 10.100

SECTION ( )ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.940				.4646	.4630	.4296	.3698								
185.380				.4048	.4687	.4207	.3585								
188.920			.5190	.5181	.4723	.3759	.3647								
193.460		.9055	.5475	.5744	.4371	.3718	.4010								
197.000	.4182	.4935	.5432	.0000	.0000	.3662	.4798								
200.540		.4359	.4989	.5235	.2746	.2895	.4169								
204.080			.4262	.3893	.2877	.2974	.3355								
207.620				.4134	.3171	.3084	.3467								
222.840												.2504	.2415	.2379	
226.380											.3200	.260C	.2264	.2338	
229.920										.3967	.3733	.2328	.1806	.2480	
233.460									.3956	.4674	.4674	.1454	.0000	-.0420	
237.000								.3428	.4997	.5074	.5859	.0000	-.1440	-.0028	
240.540									.3974	.4833	.0000	.1009	-.0140	-.0029	
244.080										.4126	.3785				
248.200															.6560
337.670															-.0024

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3064	-.7607	-.6375
237.580		.7428	.7776	-.2788	-.6608	-.6220
241.120		.7393	.7850	-.1291	-.6681	-.5954
244.660	.6042	.7218	.7802		-.6595	-.6437
248.200	.6663	.6937	.7392		-.6531	-.6471
251.740	.6057	.6603	.6975			
255.280			.5455	-.1097	-.7296	
323.510				-.3322	-.5137	-.6698
327.050		-.0354	-.0641	-.3498	-.5300	-.6079
330.590		-.0337	-.0641	-.3418	-.5274	-.6604
334.130	.0043	-.1000	-.1000	.0000	-.5302	-.6072
337.670	-.0016	-.0574	-.1180		-.5393	-.6975
341.810	-.0100	-.0711	-.1281	.0000		
344.750		-.0688	-.1260	-.3390		

ARC11-716 1A14 DA+T12+S12M25+RATIO ET ATTACH PTS.   (RB12*2)

ALPHA(5) = -2.920   BETAO (1) = -10.000   DEPENDENT VARIABLE CP

SECTION (INET ATTACH POINTS

X/C	.3810	.3970	.4020	.4060	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6180
182.840				.9080	.5277	.4579	.3436							.0750	.0180
186.360			.5395	.5395	.5393	.4550	.2354					.0607	.0654	.0747	
189.920			.5490	.5993	.5693	.3234	-.0773				.0684	.0676	.0749	.0760	
193.480		.5111	.6077	.6700	.5471	-.2799	-.2054			.2932	.0829	.0561	.0476	-.0481	
197.000	.4223	.5531	.6475	.0000	.0000	-.4872	-.1106		.0906	.1247	.1195	-.0564	.0000		
200.540		.5049	.6170	.5962	-.3834	-.3600	.0276		.1078	.1761	.2255	.0000	-.1714		
204.080			.1200	.0472	-.3995	-.3505	-.2069	.0791	.1088	.1889	.0000	.0186	-.1093	-.0639	
207.620				.1093	-.3244	-.3163	-.1927			.1385	.1561				
222.840															
226.380															
229.920															
233.480															
237.000															
240.540															
244.080														.1432
248.200														.0370
337.670														

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4841	-.5602	-.4812
237.560			.2015	-.5264	-.5464	-.4469
241.120	.1807	.1646	.2151	-.4880	-.5396	-.4986
244.560	.1584	.1880	.2079	-.5680	-.5680	-.5559
248.200	.1363	.1899	.2343	-.5801	-.5801	-.5593
251.740		.1366	.2492			
255.280		-.0349	-.1457	-.4444	-.4200	
383.510				-.3075	-.4451	-.5820
387.050		-.0357	-.1007	-.3229	-.4614	-.5959
390.590		-.0367	-.0953	-.3183	-.4307	-.6120
334.130	.0211	-.0447	-.1188	.0000	.5117	.6231
337.670	.0157	-.0491	-.1246		.5329	.6350
341.210	.0141	-.0468	-.1268	.0008		
344.780			-.1272	-.5505		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 C4+T12+S12N25+AT10 EJ ATTACH PTS.   (RB1232)

ALPHA0(5) = -2.930   BETA0(2) = -6.000

SECTION (1)EJ ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.640				.5149	.5072	.4453	.3159								
186.380				.5410	.5297	.4328	.1997								
189.920				.5962	.5495	.2864	-.1190								
193.460		.5220	.6191	.6653	.5121	.3200	-.1926								
197.000	.4181			.0000	.0000	-.4467	-.0641								
200.540		.5726	.6681	.6455	-.3455	-.3404	-.0292								
204.080		.5290	.6607	.1241	-.3674	-.3907	-.2150								
207.620			.1590	.1896	-.3096	-.3048	-.1846								
222.840											.0766	.0669	.0655	.0803	
226.380											.0899	.0725	.0713	.0769	
229.920											.1240	.0536	.0453	.0803	
233.460										.0948	.1368	-.0621	.0000	-.0682	
237.000									.1015	.1991	.2391	.0000	-.2093		
240.540									.1248	.2160		-.0150	-.1245	-.0807	
244.080								.0892	.1307	.1704	.1909				
248.200															.1668
337.670															.0447

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4764	-.5489	-.5091
237.580			.2533	-.5027	-.5326	-.4615
241.120	.1005	.2238	.2556	-.4268	-.5189	-.4703
244.660	.1818	.2235	.2381		.5411	-.5355
248.200	.1661	.2205	.2458		-.5608	-.5510
251.740		.1733	.2507			
255.280		.0244	-.0758	-.4464	-.4333	
323.510				-.3125	-.4522	
327.050			-.0955	-.3123	-.4527	-.5882
330.590	.0267	-.0261	-.0908	-.3030	-.4659	-.5856
334.130	.0226	-.0292	-.1110	.0000	-.4961	-.5960
337.670		-.0377	-.1167		-.5277	-.6084
341.210	.0213	-.0429	-.1177	.0000		-.6272
344.790		-.0434	-.1174	-.3445		

ARC11-716 IA14 D1+T12+S12N25+AT10 E1 ATTACH PTS.   (RB1232)

ALPHA(5) = -2.930   BETA0(3) = -5.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5328	.5222	.4507	.3061								
186.380				.5617	.5445	.4335	.1844								
189.920			.5775	.6182	.5643	.2803	-.1398								
193.460		.5457	.6427	.6972	.5299	.3334	-.1255								
197.000	.4371	.5929	.6969	.0000	.0000	-.4613	-.0343								
200.540		.5480	.6791	.6610	-.3298	-.3036	-.0292								
204.080			.1807	.1230	-.3275	-.2802	-.2297								
207.620				.2046	-.2926	-.2766	-.2326								
222.840											.0919	.0765	.0807	.0913	
226.380											.1126	.0811	.0755	.0799	
229.920										.1139	.1696	.0667	.0533	.0779	
233.460									.1151	.1554		-.0046	.0000	-.0491	
237.000								.0974	.1295	.1875	.2427				
240.540									.1305	.821	.0000	.0000	-.1776		
244.080										.1538	.1542	-.0158	-.1072	-.0802	
248.200															.1928
337.670															.0469

X/LT	.0210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4508	-.5239	-.4698
237.580			.2670	-.4904	-.4898	-.4385
241.120			.2932	-.3987	-.4472	-.4444
244.660	.2280	.2776	.2955		-.4460	-.4615
248.200	.2192	.2770	.2722		-.4769	-.4960
251.740	.2037	.2585	.2521			
255.280		.2205	.0229		-.4436	-.4512
323.510		.1159		-.3426	-.4882	-.6212
327.050		-.0239	-.0936	-.3336	-.4783	-.6108
330.590		-.0257	-.0892	-.3065	-.4719	-.6028
334.130	.0267	-.0358	-.1097	.0000	-.4866	-.5950
337.670	.0231		-.1150	.0000	-.5084	-.6031
341.210	.0216	-.0399	-.1158	.0000		
344.750		-.0385	-.1163	-.3292		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(5) = -2.910   BETA0(4) = -3.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.040				.5205	.5069	.4353	.2893								
186.380				.5400	.5180	.4067	.1647								
189.920			.5493	.5798	.5269	.2499	-.1361								
193.460		.5210	.5965	.6504	.4770	-.2742	.0033								
197.000	.4482	.5539	.6419	.0000	.0000	-.3109	.0565								
200.540		.5031	.6252	.6034	-.2198	-.2137	.0332								
204.080			.1859	.1291	-.2422	-.1915	-.1394								
207.620				.2190	-.2050	-.1829	-.1582								
222.840											.0900	.0746	.0797	.0911	
226.380											.1118	.0826	.0753	.0769	
229.920										.1141	.1733	.0713	.0673	.0782	
233.460										.1605	.2604	.0026	.0000	-.0639	
237.000								.0990	.1310	.1961					
240.540									.1310	.1882	.0000	.0000	-.1614		
244.080										.1446	.1302	-.0238	-.0841	-.0697	
248.200															.2140
337.670															.0562

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4633	-.5206	-.4264
237.580			.2759	-.4863	-.4667	-.4184
241.120		.2736	.3085	-.4248	-.4179	-.4246
244.660	.2375	.2893	.3188		-.4238	-.4456
248.200	.2417	.2929	.3337		-.4602	-.4789
251.740	.2365	.2639	.3075			
255.280		.1923	.1158	-.3871	-.4729	-.6311
323.510				-.3352	-.4901	-.6368
327.050		-.0849		-.3530	-.5059	-.6427
330.590		-.0751	-.0200	-.3398	-.4994	-.6427
334.130	.0365	-.0205	-.1008	.0000	-.5103	-.6327
337.670	.0303	-.0259	-.1080		-.5113	-.6169
341.210	.0315	-.0315	-.1113	.0000		
344.750	.0285	-.0346	-.1165	-.3159		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O1+T12+S12*2S+AT10 ET ATTACH PTS.   (RB12S2)

ALPHAO(5) = -2.910   BETAO (5) = -2.000

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4901	.4761	.4101	.2707								
186.380				.4979	.4792	.3761	.1578								
189.920				.5271	.4735	.2253	-.0391								
193.460		.4814	.5045	.5424	.4155	-.1181	.1191								
197.000	.4286	.5096	.5749	.5855	.0000	-.1428	.1296								
200.540		.4581	.5501	.5117	-.1105	-.1290	.0996								
204.080			.2018	.1229	-.1291	-.0913	-.0447								
217.620				.2244	-.0955	-.0773	-.0637								
222.840											.1192	.1090	.1028	.1138	
226.380										.1454	.1489	.1159	.1103	.1067	
229.920									.1446	.1851	.2135	.1149	.1079	.1084	
233.460								.1241	.1551	.2138	.2765	.0862	.0000	-.0263	
237.000									.1492	.1974	.0000	.0000	-.1364	-.0737	
240.540										.1567	.1287	-.0117	-.0710		.2589
244.080															.0584
248.200															
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.3062	.3193	-.4564	-.5261	-.4507
237.580		.3178	.3590	-.4760	-.4997	-.4191
241.120		.3231	.3506	-.3846	-.4543	-.4336
244.660	.8748	.3044	.3642		-.4631	-.4846
248.200	.8900	.2604	.3770		-.4889	-.5148
251.740	.8670		.1784		-.5384	-.6109
255.280				-.3387	-.4709	-.6098
325.510				-.3261	-.4755	-.6248
327.050		-.0144	-.0658	-.3322	-.4789	-.6424
330.590	.0408	-.0452	-.0755	-.3154	-.5084	-.6510
334.130	.0398	-.0216	-.0957	.0000	-.5286	
337.670	.0399	-.0239	-.1000	.0000		
341.210			-.1026			
344.750		-.0243	-.1031	-.3102		

ALPHAO(5) = -2.910   BETAO(6) =   .020

ARC11-716 1A14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI
182.840				.4649	.4475	.3878	.2574								
186.380				.4698	.4415	.3489	.1744								
189.920			.4808	.4816	.4292	.2154	.0670								
193.460		.4728	.5142	.5297	.1576	-.0031	.1821								
197.000	.4291	.4900	.5399	.0000	.0000	-.0473	.1898								
200.540		.4351	.5227	.4744	-.0496	-.0635	.1649								
204.080			.2339	.1668	-.0634	-.0293	.0171								
207.620				.2457	-.0264	-.0083	.0075								
222.840												.1600	.1564	.1538	
226.380											.1906	.1806	.1626	.1571	
229.920										.2245	.2448	.1878	.1471	.1693	
233.460									.2096	.2805	.3396	.1862	.0000	.0007	
237.000								.1737	.2153	.2967	.3558	.0000			
240.540									.2006	.2312	.0000	.0000	-.2342		
244.080										.1914	.1546	-.0467	-.1396	-.1518	
248.200															.3337
337.670															.0615

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.4570	-.5240	-.4343
237.580				-.4195	-.4976	-.3975
241.120		.4039	.4501	.3031	-.4360	-.4094
244.660	.3533	.3897	.4552		-.4205	-.4491
248.200	.3533	.3817	.4088		-.4443	-.4743
251.740	.3536	.3665	.4088			
255.280		.3286	.4243	-.2912	-.5386	
323.510			.2404	-.3290	-.4834	-.6245
327.050			-.0767	-.3390	-.4857	-.6162
330.590		-.0106	-.0712	-.3147	-.4730	-.6183
334.130	.0428	-.0104	-.0957	.0000	-.4878	-.6214
337.670	.0416	-.0186	-.0977		.5051	-.6281
341.210	.0394	-.0238	-.0995	.0000		
344.750		-.0262	-.0972	-.3175		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O4+T12+S12:25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(5) = -8.910   BETAO(7) = 2.050

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4362	.4138	.3544	.2456								
186.380				.4379	.4925	.3183	.1864								
189.920			.4645	.4521	.3761	.2038	.1257								
193.460		.4794	.5012	.4836	.2804	.0519	.2033								
197.000	.4660	.9925	.5438	.0000	.0000	-.0149	.2182								
200.540		.4629	.5554	.5165	-.0185	-.0371	.1603								
204.080			.2572	.2032	-.0226	.0008	.0331								
207.620				.2903	.0125	.0295	.0548								
222.840											.2437	.2074	.2005	.2005	
226.380											.2986	.2271	.2057	.2067	
229.920										.2701	.3821	.2338	.1809	.2121	
233.460								.2061	.2466	.3124	.3698	.2317	.0000	.0662	
237.000									.2443	.3160					
240.540									.2253	.2673	.0000	.0000	-.2342	-.1083	
244.080										.2150	.1782	-.0902	-.1365		.3887
248.200															.0678
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4330	-.4607	-.3698
237.580			.4487	-.4144	-.4294	-.3770
241.120		.4229	.4489	-.3349	-.4124	-.4127
244.660	.4003	.4203	.4384		-.4284	-.4593
248.200	.4036	.4259	.4684		-.4439	-.4699
251.740	.4157	.4205	.4915			
255.280		.3980	.3021	-.2462	-.5416	-.6179
323.510				-.3201	-.4857	-.6161
327.050			-.0506	-.3310	-.4937	-.6169
330.590			-.0457	-.3127	-.4836	-.6251
334.130	.0552		-.0760	.0000	-.4976	-.6391
337.670	.0495	-.0110	-.0681		-.5085	
341.210	.0441	-.0190	-.0925	.0000		
344.750		-.0199	-.0977	-.3083		

ARC11-716 IA14 OA+T12+S12N25+AT10 ET ATTACH PTS.   (R81252)

ALPHA(5) = -2.920   BETAO (E) = 4.080

SECTION (I)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4446	.4258	.3672	.2656								
186.380				.4605	.4209	.3264	.2056								
189.920				.4801	.3986	.2097	.1512								
193.460		.5169	.5050	.5243	.3031	.1068	.2225								
197.000	.4896	.5459	.5454	.0000	.0000	.0104	.2356								
200.540		.5058	.5992	.5734	.0450	.0132	.1510								
204.080			.6023	.2211	.0417	.0496	.0827								
207.620			.2918	.3541	.0909	.0827	.1012								
222.840												.2206	.2142	.2134	
226.380												.2324	.2129	.2062	
229.920												.2214	.1827	.2129	
233.460											.2552	.1682	.0000	.0388	
237.000								.2450	.2840	.2935	.2971				
240.540									.2894	.3433	.3764				
244.080									.2745	.3671	.4280				
248.200										.3333	.0000	.0000	-.1390		
337.670										.2737	.2473	.0406	-.0466	-.0419	.4693
															.0714

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4140	-.5346	-.4631
237.580			.5350	-.3946	-.5074	-.4128
241.120		.5075	.5414	-.2780	-.4934	-.4558
244.660	.4828	.5040	.5222		-.4859	-.5118
248.200	.4820	.4996	.5291		-.5108	-.5250
251.740	.4951	.4898	.5327			
255.280		.4634	.3668	-.2016	-.6372	-.6416
323.510			-.0916	-.3181	-.4843	-.6346
327.050			-.0413	-.3289	-.5444	-.6359
330.590		.0101	-.0690	-.3116	-.4856	-.6427
334.130	.0626	.0058	-.0785	.0000	-.5012	-.6427
337.670	.0582	-.0027	-.0821		-.5121	-.6566
341.210	.0525	-.0096	-.0860	.0000		
344.750		-.0132	-.3090			

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(5) = -2.930   BETAO (9) = 6.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8540	.8390	.9160
PHI															
182.840				.4562	.4414	.3892	.2985					.2354	.2235	.2295	
186.380				.4692	.4368	.3540	.2528					.2485	.2225	.2248	
189.920			.5010	.4938	.4175	.2527	.2156					.2313	.1798	.2291	
193.460		.5004	.5421	.5432	.3307	.2026	.2751				.2842	.1555	.0000	.0119	
197.000	.4621	.5223	.5819	.0000	.0000	.0987	.3010			.3368	.3313				
200.540		.4768	.5598	.5429	.1208	.0960	.2443			.3967	.4201				
204.080			.3321	.2674	.1177	.1248	.1663			.4262	.4965	.0000	-.1263	-.0209	
207.620				.3569	.1646	.1525	.1777			.3985	.0000	.0730	-.0265		.5530
222.840										.3350	.3094				.0613
226.360									.3309						
229.920									.3406						
233.480								.2862	.3270						
237.000															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.6041	.6394	-.3677	-.6217	-.5555
237.580		.6002	.6363	-.3439	-.6271	-.4775
241.120		.5938	.6142	-.2194	-.6134	-.5037
244.660	.5732	.5763	.6237		-.5912	-.5794
248.200	.5724		.6059		-.5948	-.5952
251.740	.5766	.5426	.4428	-.1593		
255.280				-.3232	-.7589	-.6520
323.510			-.0575	-.3349	-.4899	-.6452
327.050		-.0008	-.0515	-.3220	-.5018	-.6450
330.590		-.0034	-.0819	.0000	-.4917	-.6512
334.133	.0902	-.0147	-.0902	.0000	-.5052	-.6647
337.670	.0476	-.0214	-.0930		-.5138	
341.210	.0416	-.0220	-.0954	-.3142		
344.790						

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O4+T12+S12N25+A110 ET ATTACH PTS.   (RB1232)

ALPHA0(3) = -2.920   BETA0(10) = 8.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4504	.4440	.4035	.3317								
186.380				.4612	.4363	.3753	.2986								
189.920			.4811	.4789	.4181	.3038	.2809								
193.460			.5078	.5107	.3538	.2654	.3201								
197.000	.4425	.4778	.5355	.0000	.0000	.2231	.3914								
200.540		.4883	.5088	.5076	.1793	.1796	.3314								
204.080		.4448	.3633	.3140	.1823	.1934	.2360								
207.620				.3619	.2221	.2152	.2464				.3191	.2596	.2536	.2559	
222.340											.3696	.2699	.2441	.2490	
226.380										.3850	.4627	.2475	.2016	.2573	
223.920									.3817	.4507	.5574	.1642	.0000	.0167	
233.460								.3312	.3932	.4845	.0000	.0000	.0000		
237.000									.3792	.4571	.3578	.0000	-.1025	.0062	
240.540										.3886		.1084	.0126		
244.080															.8140
240.200															.0378
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3059	-.7068	-.6234
237.580			.7500	-.2708	-.6442	-.6144
241.120		.6949	.7316	-.1414	-.6479	-.5650
244.660	.6441	.6831	.7018		-.6437	-.6167
248.200	.6382	.6639	.6720		-.6396	-.6318
251.740	.6343	.6421	.6487			
255.280		.6106	.4915	-.1378	-.7382	-.6644
323.510				-.3297	-.4970	-.6615
327.050		-.0153	-.0675	-.3424	-.5136	-.6579
330.590		-.0183	-.0608	-.3321	-.5019	-.6662
334.130	.0301	-.0294	-.0929	.0000	-.5094	-.6755
337.670	.0265	-.0400	-.1019	.0000	-.5192	
341.210	.0242	-.0411	-.1055	.0000		
344.750			-.1112	-.3261		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (R81232)

ALPHA(1 5) = -2.900   BETA(1 11) = 10.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4430	.4437	.4168	.3565								
186.380				.4613	.4488	.4114	.3483								
189.920			.4039	.4980	.4574	.3712	.3539								
193.460		.4712	.5178	.5537	.4293	.3520	.3923								
197.000	.3819	.4533	.9090	.0000	.0000	.3502	.4633								
200.540			.4595	.4969	.2551	.2829	.4085								
204.080		.3915	.3697	.3460	.2595	.2799	.3224								
207.620				.3794	.2923	.2878	.3271								
222.840											.3416	.2803	.2716	.2773	
226.380										.4131	.3927	.2910	.2608	.2638	
229.920									.4134	.4829	.4839	.2605	.2144	.2821	
233.460									.4267	.5261	.5976	.1724	.0000	.0186	
237.000								.3610	.4146	.4986	.0000	.0000	-.0784		
240.540										.4290	.3973	.1304	.0376	.0413	
244.080															.6473
248.200															-.0028
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.8074	-.2815	-.7583	-.6382
237.500			.8010	-.2549	-.6530	-.6284
241.120		.7600	.8010	-.1186	-.6587	-.5942
244.660	.7065	.7492	.7761	-.6499	-.6499	-.6406
248.200	.6867	.7292	.7487		-.6432	-.6390
251.740	.6943	.7005	.6879			
255.280		.6738	.5468	-.1163	-.7310	-.5888
325.510				-.3397	-.5180	-.6885
327.050		-.0758	-.0758	-.3552	-.5333	-.6826
330.590	-.0380	-.0380	-.0742	-.3472	-.5294	-.6911
334.130	-.0005	-.0445	-.1105	.0000	-.5335	-.6960
337.670	-.0069	-.0567	-.1251			
341.210	-.0088	-.0688	-.1318	.0000		
344.750	-.0087	-.0885	-.1378	-.3469	-.5449	

DATE 07 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OA+T12+S12N25+AT10 ET ATTACH PTS. (RB1232)

ALPHA0(6) = -.750 BETA0(1) = -10.040

SECTION (1)ET ATTACH POINTS DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.4905	.4956	.4493	.3374								
186.390				.5256	.5284	.4472	.2307								
188.920			.5316	.5847	.5576	.3171	-.0824								
193.460		.4905	.5905	.6321	.5554	-.2838	-.2254								
197.000	.3093	.3246	.6241	.0000	.0000	-.4926	-.1118								
200.540		.4738	.5916	.5783	-.3900	-.3645	.0238								
204.080			.0971	.0057	-.4069	-.3404	-.2151								
207.620				.0718	-.3373	-.3253	-.1987								
222.040											.0975	.0872	.1005	.1111	
226.380										.1114	.0962	.0990	.1086	
229.920									.1085	.1392	.0939	.0982	.1086	
233.420								.1047	.1302	.2015	.0411	.0000	.0189	
237.000							.0897	.1170	.1621	.0000	.0000			
240.540								.1222	.1660	.1405	-.0034	-.1125	-.0248	
244.080										.1412		-.0566		
248.200														.1918
337.670														.0274

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4825	-.5476	-.4834
237.550			.2435	-.5154	-.5276	-.4569
241.120		.2345	.2652	-.4726	-.5087	-.4827
244.660	.2066	.2433	.2575		-.5444	-.5448
248.200	.2073	.2482	.2914		-.5649	-.5365
251.740	.1965	.1993	.3203			
255.280		.0403	-.0492	-.4191	-.4325	-.5957
323.510			-.1137	-.3247	-.4626	-.6115
327.050		-.0462	-.1080	-.3393	-.4790	-.6258
330.590	.0104	-.0527	-.1297	-.3300	-.4980	-.6323
334.130	.0075	-.0579	-.1361	.0000	-.5258	-.6471
337.670	.0018	-.0639	-.1387	.0000	-.5463	
341.210		-.0659	-.1416	-.3660		
344.750						

ARC11-716 IA14 CL+T12+SIN25+ATIO ET ATTACH PTS.　　　(RB1232)

ALPHA0(0) = -.760　　BETA0 (2) = -8.040

SECTION (1)ET ATTACH POINTS　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8180	.8230	.8290	.8340	.8390	.9100
PHI															
182.840				.4970	.4918	.4337	.3068								
186.380				.5227	.5150	.4239	.1950								
189.920			.5323	.5726	.5356	.2826	-.1207								
193.460			.5892	.6395	.5014	-.3182	-.1786								
197.000	.4034	.5009	.6301	.0000	.0000	-.4537	-.0735								
200.540		.5446	.6151	.5960	-.3644	-.3476	.0135								
204.080		.4950	.1242	.0793	-.3820	-.3157	-.2159								
207.620				.1483	-.3154	-.3164	-.2082								
222.840											.1057	.0933	.0991	.1150	
226.380											.1193	.1003	.0989	.1148	
229.920											.1500	.0962	.0944	.1111	
233.480									.1145	.1184		.0333	.0000	-.0018	
237.000								.1009	.1284	.1474					
240.540									.1343	.1797	.2196	.0000	-.1524		
244.080										.1969	.0000	.0000	-.0747	-.0337	.2177
337.670										.1994	.1593	-.0067			.0438

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4609	-.5409	-.4639
237.580			.2858	-.4982	-.5098	-.4567
241.120		.2718	.3046	-.4235	-.4899	-.4678
244.660	.2346	.2713	.2941		-.4990	-.5150
248.200	.2337	.2703	.3095		-.5308	-.5445
251.740	.2216	.2275	.3281			
255.280		.0619	-.0022	-.4199	-.4588	
323.510				-.3920	-.4401	-.5777
327.050			-.0964	-.3175	-.4575	-.5893
330.590		-.0276	-.0915	-.3139	-.4792	-.6067
334.130	.0362	-.0343	-.1136	.0000	-.5093	-.6194
337.670	.0211	-.0413	-.1177		-.3321	-.6344
341.210	.0160	-.0473	-.1209	.0000		
344.750		-.0465	-.1219	-.3465		

ARC11-716 1A14 C4+T12+S12M25+AT10 ET ATTACH PTS.

ALPHA(1 B) = -.720   BETAO (3) = -5.990   (RB1232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.340				.5094	.4956	.4298	.2882								
186.390				.5363	.5203	.4144	.1710								
193.920			.5591	.5912	.5435	.2654	-.1467								
193.480		.5293	.6186	.6726	.5141	-.3399	-.1317								
197.000	.4365	.5756	.6807	.0000	.0000	-.4763	-.0615								
200.540		.5518	.6629	.6536	-.3519	-.3248	-.0421								
204.080			.1725	.1109	-.3524	-.3046	-.2480								
207.620				.1967	-.3225	-.2960	-.2643								
222.640											.1183	.1085	.1135	.1231	
226.380										.1348	.1396	.1167	.1117	.1151	
229.920									.1325	.1605	.1815	.1121	.1107	.1130	
233.460									.1389	.1782	.2404	.0777	.0000	.018	
237.000								.1127							
240.540											.0000	.0000	-.1029		
244.080									.1358	.1451	.1414	.0089	-.0461	-.0262	
248.200															.2290
337.670															.0534

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4620	-.5293	-.4537
237.580			.2652	-.4978	-.4853	-.4439
241.120		.2675	.2926	-.4351	-.4532	-.4522
244.660	.2448	.2804	.3132	-.4620	-.4620	-.4802
248.200	.2456	.2874	.3259		-.4972	-.5168
251.740	.2376	.2495	.3323			
255.280		.1367	.0587	-.4066	-.4670	-.5861
323.280				-.3057	-.4460	-.5848
327.050			-.0903	-.3056	-.4485	-.5848
330.590		-.0191	-.0856	-.2989	-.4615	-.5968
334.130	.0355	-.0238	-.1056	.0000	-.4947	-.6103
337.670	.0301	-.0318	-.1094		-.5235	-.6240
341.210	.0258	-.0372	-.1136	.0000		
344.750		-.0407	-.1141	-.3325		

ARC11-716 IA14 OA+T12+S12M25+AT10 E1 ATTACH PTS.   (RB12321)

ALPHA0(6) = -.710   BETA0 (4) = -3.980

SECTION (1)E1 ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI
182.840				.5078	.5005	.4318	.2865								
186.380				5.785	.5131	.4085	.1689								
189.920			.5306	.5672	.5210	.2577	-.1316								
193.460		.5042	.5799	.6368	.4810	-.2631	-.0084								
197.000	.4364	.5347	.6161	.0000	.0000	-.3072	.0477								
200.540		.5323	.5907	.5598	-.2361	-.2233	.0608								
204.080			.1630	.0820	-.2496	-.1994	-.1319								
207.620				.1891	-.2160	-.1912	-.1689								
222.840											.1255	.1137	.1194	.1243	
226.380										.1467	.1499	.1230	.1162	.1182	
229.920									.1477	.1834	.2081	.1183	.1127	.1180	
233.460								.1280	.1554	.2067	.2610	.0760	.0000	.0023	
237.000															
240.540									.1329	.1862	.0000	.0000	-.1094		
244.080										.1539	.1376	.0151	-.0407	-.0309	
248.200															.2286
337.670															.2706

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.4547	-.5158	-.4316
237.580			.2968	-.4787	-.4666	-.4174
241.120		.2803	.3213	-.4214	.4242	-.4290
244.670	.2453	.2870	.3130		.4302	-.4613
248.200	.2553	.2921	.3379		-.4666	-.4963
251.740	.2407	.2634	.3446			
253.290		.1759	.1037	-.3824	-.4784	
323.510				-.3296	-.4691	-.6062
327.050		-.0023	-.0760	-.3202	-.4626	-.5953
330.590		-.0054	-.0701	-.2899	-.4544	-.5654
334.130	.0484	-.0180	-.0890	.0000	-.4696	-.5320
337.670	.0466	-.0161	-.0943		-.4970	-.6033
341.210	.0458	-.0161	-.0963	.0000		
344.750		-.0161	-.0966	-.3163		

ARC11-716 IA14 OX+TI2+S12N25+ATIO ET ATTACH PTS.   (R81232)

ALPHAO(6) = -.700   BETAO (5) = -2.010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	J	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4637	.4560	.3962	.2654								
186.380				.4781	.4591	.3652	.1586								
189.920			.4744	.5004	.4565	.2217	-.0374								
193.460		.4500	.4973	.5548	.4023	-.1102	.1114								
197.000	.4008	.4652	.5229	.0000	.0000	-.1436	.1324								
200.540		.4033	.4921	.4583	-.1247	-.1258	.1570								
204.080			.1562	.0706	-.1354	-.1001	-.0213								
207.620				.1871	-.1020	-.0927	-.0695								
222.840												.1322	.1263	.1376	
226.380											.1407	.1415	.1333	.1348	
229.920										.1549	.1648	.1412	.1338	.1355	
233.460									.1531	.1854	.2158	.1261	.0000	.0288	
237.000								.1352	.1590	.2105	.2583	.0000			
240.540									.1498	.1875	.0000	.0000	-.0833		
244.080										.1596	.1315	.0160	-.0299	-.0166	
248.200															.2468
337.670															.0780

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4500	-.5066	-.4321
237.590				-.4787	-.4727	-.4065
241.120		.2840	.3049	-.4055	-.4335	-.225
244.660	.2576	.2917	.3320		-.4477	.4694
248.200	.2628	.2917	.3305		-.4779	.4948
251.740	.2653	.2709	.3390			
255.290		.2153	.3423	-.3616	-.4943	
323.510			.1298	-.3185	-.4733	-.6183
327.050			-.0634	-.3286	-.4772	-.6144
330.590		.0019	-.0587	-.3648	-.4733	-.6181
354.130	.0551	-.0035	-.0623	.0000	-.4893	-.6142
337.670	.0522	-.0091	-.0906		-.4958	-.6015
341.210	.0522	-.0069	-.0934	.0000		
344.740		-.0090	-.0916	-.2906		

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ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (R81232)

ALPHAO(6) = -.690   BETAO (6) = .040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
182.840				.4141	.4011	.3501	.2381								
186.380				.4195	.3952	.3158	.1616								
189.920			.4326	.4337	.3805	.1932	.0647								
193.460		.4226	.4562	.4701	.3088	-.0140	.1650								
197.000	.3928		.4754	.0000	.0000		.1752								
200.540		.4354	.4603	.4142	-.0799	-.0483	.1809								
204.080		.3872	.1936	.1248	-.0809	-.0592	.0052								
207.620				.1985	-.0536	-.0377	-.0050								
222.840											.2009	.1780	.1766	.1779	
226.380											.2507	.1973	.1859	.1885	
229.920										.2258	.3224	.2089	.1828	.1898	
233.460										.2638	.3286	.2245	.0000	.0644	
237.000								.1770	.2081	.2779		.0000	-.1497	-.0693	
240.540									.2102	.2371	.0000	-.0010	-.0804		
244.080									.1973	.1889	.1539				.3373
337.670															.0478

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.4264	-.4522	-.5096	-.4061
237.580		.3898	.4429	-.4359	-.4641	-.3828
241.120		.3818	.4058	-.3189	-.4144	-.3965
244.660	.3476	.3702	.3996		-.3994	-.4180
248.200	.3458	.3519	.4045		-.4195	-.4545
251.740	.3476	.3158	.2141	-.2956	-.5082	
255.280				-.3039	-.4628	-.6111
323.510				-.3190	-.4696	-.6111
327.050		.0111	-.0654	-.2965	-.4688	-.6214
330.590	.0093	.0062	-.0500	.0000	-.4890	-.6328
334.130	.0088	.0026	-.0721		-.5069	-.6404
337.670	.0049		-.0715	.0000		
341.210		.0000	-.0731			
344.750		-.0060	-.0782	-.2994		

ARC11-716 IA14 O1+T12+S12N25+A110 ET ATTACH PTS.   (R81232)

ALPHAO(6) = -.090   BETAO(7) = 2.030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
102.840				.4052	.3872	.3326	.2373								
106.380				.4156	.3772	.2986	.1791								
189.980				.4279	.3546	.1916	.1206								
193.480		.4405	.4606	.4548	.2620	.0287	.1942								
197.000	.4278	.4783	.5173	.0000	.0000	-.0276	.2097								
200.540		.4334	.5171	.4827	-.0485	-.0519	.1681								
204.080			.2251	.1631	-.0515	-.0209	.0154								
207.620				.2694	-.0178	-.0012	.0305								
222.840											.2596	.2334	.2310	.2338	
226.380											.3006	.2493	.2320	.2372	
229.920										.2757	.3653	.2550	.2235	.2404	
233.460									.2569	.3091	.3638	.2524	.0000	.1248	
237.000								.2220	.2554	.3124	.0000	.0000	-.1157		
240.540									.2384	.2772	.2052	.0405	-.0420	-.0144	
244.080										.2328					
246.200														.4265	
337.670														.0730	

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040			.4566	-.4396	-.4576	-.3820
237.580		.4445	.4744	-.4329	-.4527	-.3934
241.120		.4486	.4723	-.3475	-.4295	-.4213
244.660	.4327	.4553	.5080		-.4598	-.4671
248.200	.4402	.4532	.5170	.0000	-.4627	-.4763
251.740	.4548	.4318	.3438			
255.280				-.2214	-.5856	-.6199
323.510				-.3232	-.4770	-.6080
327.050		-.0018	-.0672	-.3268	-.4811	-.6078
330.590		-.0069	-.0610	-.3052	-.4687	-.6114
334.130	.0330	-.0113	-.0838	.0000	-.4816	-.6129
337.670	.0522	-.0146	-.0900	.0000		
341.810	.0472	-.0095	-.0910		-.4946	
344.780			-.0890	-.2974		

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ARC11-716 IA14 Q1+T12+512N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(0) = -...   BETAO (0) =   4.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.040				.4267	.4116	.3551	.2579								
186.380				.4429	.4057	.3138	.1966								
189.920			.4763	.4629	.3831	.1946	.1366								
193.460		.4850	.5086	.5048	.2956	.0643	.2195								
197.000	.4501	.5034	.5579	.0000	.0000	-.0134	.2354								
200.540		.4588	.5569	.5246	.0053	-.0183	.1492								
204.080			.2398	.1826	-.0093	.0148	.0494								
207.620				.3071	.0502	.0423	.0675								
222.840												.2568	.2526	.2557	.5151
226.380											.2801	.2660	.2531	.2461	.0712
229.920										.3104	.3138	.2557	.2307	.2515	
233.460								.2691	.3037	.3538	.3828	.2095	.0000	.1034	
237.000									.3099	.3769	.4350	.0000	-.0373		
240.540									.2981	.3592	.0000	.1083	.0323	.0305	
244.080										.3017	.2832				
248.200															
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4193	-.6005	-.5318
237.580			.5499	-.4093	-.5936	-.4701
241.120		.5414	.5744	-.2893	-.5853	-.4937
244.660	.5236	.5507	.5808		-.5724	-.5719
248.200	.5298	.5532	.5942		-.5780	-.5849
251.740	.5391	.5429	.5901			
255.280		.5223	.4204	-.1740	-.7183	
323.510				-.3188	-.4792	-.6349
327.050		-.0581	-.3299	-.4885	-.6281	
330.590		.0032	-.0599	-.3123	-.4792	-.6302
334.130	.0596	.0008	-.0774	.0000	-.4937	-.6351
337.670	.0555	-.0008	-.0638	.0000	-.5053	-.6431
341.210	.0524	-.0154	-.0877	.0000		
344.750		-.0161	-.0892	-.3046		

ARC11-716 IA14 O4+T12+S12N25+A11O ET ATTACH PTS.   (RB1232)

ALPHAO(6) = -.720   BETAO (9) = 6.080

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
142.840				.4299	.4184	.3678	.2797								
186.380				.4397	.4112	.3330	.2297								
189.920			.4610	.4626	.3966	.2360	.1918								
193.460		.4550	.4936	.5088	.3160	.1476	.2638								
197.000	.4070	.4684	.5195	.0000	.0000	.0788	.2923								
200.540		.4211	.4954	.4777	.0732	.0595	.2446								
204.080			.2673	.1994	.0755	.0844	.1321								
207.620				.2995	.1168	.1100	.1348								
222.840											.3162	.2804	.2699	.2691	
226.380											.3582	.2871	.2687	.2772	
229.920										.3638	.4415	.2691	.2260	.2739	
233.460									.3612	.4224		.1840	.0000	.0638	
237.000									.3743	.4594	.5288	.0000	-.0466		
240.540								.3178	.3627	.4350	.0000	.1266	.0427	.0462	
244.080										.3759	.3526				
248.200															.0019
337.670															.0617

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3495	-.6238	-.5869
237.580			.6797	-.3350	-.6096	-.5275
241.120		.6611	.6946	-.1960	-.6109	-.5171
244.660	.6249	.6580	.6781		-.5979	-.5887
248.200	.6246	.6521	.6784		-.5927	-.5967
251.740	.6280	.6291	.6549			
255.280		.9971	.4848	-.1396	-.7345	-.6444
323.510				-.3254	-.4862	-.6372
327.050			-.0690	-.3363	-.4981	-.6390
330.990		-.0041	-.0612	-.3234	-.4878	-.6390
334.130	.0472	-.0093	-.6891	.0000	-.5026	-.6463
337.670	.0447	-.0193	-.0938		-.5121	-.6590
341.210	.0400	-.0258	-.0969	.0000		
344.750		-.0261	-.0982	-.3156		

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ARC11-716 1A14 01+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA0(6) = -.730   BETAO (1D) =   0.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI														.6570	.0376
182.840				.4149	.4122	.3717	.3024								
186.380				.4211	.4012	.3464	.2679								
189.920				.4311	.3813	.2707	.2431								
193.460			.4328	.4463	.3180	.2193	.2958								
197.000	.3720	.4162	.4662	.0000	.0000	.1945	.3510								
200.540		.4239	.4440	.4469	.1321	.1482	.3270								
204.080		.3794		.2431	.1362	.1538	.1940								
207.620			.2822	.3057	.1728	.1666	.1955								
222.840												.3091	.3027	.3068	
226.380											.3544	.3170	.3006	.2944	
229.920											.3995	.2914	.2572	.3053	
233.460										.4104	.4770	.2075	.0000	.0816	
237.000								.3636	.4104	.4710	.3748	.0000	-.0375		
240.540									.4206	.5074	.0000	.0000	.0721	.0749	
244.080									.4086	.4849	.3948	.1549			
248.200										.4219					
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2780	-.7011	-.6200
237.580			.7891	-.2506	-.6271	-.6055
241.120			.7770	-.1233	-.6309	-.5629
244.660	.6899	.7384	.7491		-.6340	-.6107
248.200	.3627	.7284	.7306		-.6255	-.6223
251.740	.6802	.6676	.6903	-.1176	-.7305	
255.280		.6609	.5324	-.3316	-.4958	-.6593
323.510				-.3454	-.5097	-.6549
327.050		-.0749		-.3351	-.4999	-.6510
330.590		-.0720		.0000	-.5079	-.6590
334.130	.0273	-.0235	-.1027		-.5170	-.6675
337.670	.0234	-.0356	-.1106			
341.210	.0190	-.0439	-.1142	.0000		
344.750		-.0471	-.1161	-.3292		

ARC11-T16 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(6) = -.740   BETAO (11) = 10.160

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.840				.3982	.4039	.3805	.3291								
186.380				.4116	.4116	.3730	.3201								
189.920			.4195	.4428	.4198	.3380	.3194								
193.460		.3954	.4479	.4968	.3958	.3011	.3572								
197.000	.2940	.3628	.4453	.0000	.0000	.3001	.4194								
200.540		.3306	.3954	.4280	.2092	.2478	.3851								
204.080			.2932	.2782	.2128	.2324	.2761								
207.620				.3240	.2384	.2403	.2783								
222.840											.3782	.3285	.3223	.3239	
226.380											.4228	.3349	.3110	.3102	
229.920											.5103	.3046	.2640	.3894	
233.460									.4413		.5103	.2054	.0000	.0731	
237.000								.3948	.4443	.5105	.6270				
240.540									.4803	.5498	.0000	.0000	-.0187		
244.080									.4467	.5306	.4387	.1784	.0943	.0984	
248.200										.4638					.0001
337.670															.0048

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.2544	-.7643	-.6339
237.580			.8438	-.2295	-.6404	-.6284
241.120		.7926	.8400	-.0993	-.6471	-.6077
244.660	.7391	.7859	.8187		-.6406	-.6375
248.200	.7324	.7703	.7914		-.6393	-.6305
251.740	.7283	.7394	.7277			
255.280		.7058	.5839	-.1055	-.7206	-.6789
325.910				-.3466	-.5153	-.6775
327.050		-.0389	-.0848	-.3561	-.5267	-.6739
330.590	.0001	-.0472	-.0622	-.3470	-.5200	-.6630
334.130	-.0030	-.0648	-.1152	.0000	-.5262	-.6697
337.670	-.0105	-.0752	-.1293	.0000	-.5345	
341.210		-.0724	-.1352	-.3436		
344.750			-.1352			

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA0(7) = 8.030   BETAO(1) = -10.000

DEFENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8870	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4688	.4699	.4250	.3144								
186.380				.5008	.5021	.4255	.2160								
189.920				.5556	.5281	.3007	-.0884								
193.480			.9037	.5646	.5089	-.2844	-.2322								
197.000	.3628	.4763	.5998	.0000	.0000	-.4769	-.1094								
200.540		.5174	.5787	.5678	-.4036	-.3635	.0299								
204.080		.4649	.0999	.0018	-.4143	-.3533	-.2314								
207.620				.0932	-.3385	-.3438	-.2272								
222.840											.1300	.1269	.1369	.1487	
226.380										.1447	.1485	.1343	.1369	.1462	
229.920										.1662	.1744	.1320	.1369	.1438	
233.460									.1411	.1953	.2364	.0860	.0000	.0326	
237.000								.1316	.1511	.2015	.0000	.0000	-.0752		
240.540									.1544	.1737	.1703	.0276	-.0128	.0195	
244.080															.2505
248.200															.0148
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4695	-.5514	-.4664
237.580			.2991	-.4967	-.4931	-.4448
241.120		.2988	.3318	-.4149	-.4483	-.4516
244.660	.2866	.3119	.3367		-.4563	-.4806
248.200	.2733	.3096	.3596		-.4913	-.5161
251.740	.2675	.2774	.3483			
255.280		.1808	.0936	-.3971	-.4938	-.6046
323.510				-.3326	-.4669	-.6173
327.050		-.0524	-.1184	-.3458	-.4861	-.6297
330.590		-.0616	-.1145	-.3354	-.5050	-.6377
334.130	-.0020	-.0691	-.1390	.0000	-.5319	-.6530
337.670	-.0090	-.0754	-.1439	.0000	-.5488	
341.210	-.0120	-.0794	-.1486	.0000		
344.750			-.1550	-.3779		

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1252)

ALPHAO(7) = 2.060   BETAO (2) = -8.030

SECTION (I)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.4761	.4755	.4229	.2968								
186.380				.5928	.5033	.4177	.1936								
189.920				.5546	.5284	.2834	-.1158								
193.460		.4648	.5053	.6209	.4999	-.3107	-.1688								
197.000	.3836	.5004	.5515	.0000	.0000	-.4635	-.1079								
200.540		.4481	.5818	.5215	-.3675	-.3379	.0226								
204.080			.5555	.0217	-.3777	-.3277	-.2149								
207.620			.0874	.1052	-.3143	-.3218	-.2467								
222.840											.1366	.1261	.1411	.1521	
226.380											.1523	.1366	.1393	.1501	
229.920										.1466	.1782	.1320	.1390	.1419	
233.460									.1481	.1661	.2408	.0963	.0000	.0541	
237.000									.1558	.1930		.0000	-.0725		
240.540								.1343	.1591	.2012	.1708	.0417	-.0144	.0242	
244.080															.2670
337.670															.0901

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.3055	-.4660	-.5311	-.4568
237.580		.3189	.3505	-.4962	-.4898	-.4431
241.120		.3344	.3652	-.4188	-.4407	-.4470
244.660	.2877	.3423	.3850		-.4544	-.4710
248.200	.2926	.3040	.3742		-.4807	-.5096
251.740	.2854	.2119	.1266			
255.280				-.3762	-.4548	-.5119
323.510			-.0990	-.3112	-.4775	-.5931
327.050			-.0951	-.3348	-.4977	-.6126
330.590		-.0363	-.1206	-.3263	-.5230	-.6265
334.130	.0149	-.0446	-.1277	.0900	-.5347	-.6293
337.670	.0068	-.0514	-.1297	.0000		-.6384
341.210	.0025	-.0592	-.1334	-.3501		
344.750		-.0623				

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ALPHA0(7) = 2.080   BETA0(3) = -5.990   ARC11-716 1A14 Q++T12+S12M25+AT10 ET ATTACH PTS.   (R81232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.4768	.4715	.4098	.2747								
186.380				.4985	.4828	.3924	.1644								
189.920			.5045	.5339	.4959	.2460	-.1389								
193.460		.4827	.5494	.5867	.4407	.3068	.1020								
197.000	.4196	.5148	.5874	.0000	.0000	.3711	.0187								
200.540		.4601	.5720	.5408	-.3345	-.2929	.0522								
204.080				.0840	-.3373	-.2851	-.1830								
207.620			.1426	.1715	-.3083	-.2797	-.2468								
222.840											.1368	.1289	.1303	.1486	
226.380										.1530	.1486	.1550	.1373	.1502	
229.920									.1422	.1646	.1794	.1389	.1383	.1458	
233.460									.1438	.1781	.2148	.1266	.0000	.0759	
237.000								.1307	.1422	.1730	.0000	.0000	-.0251		
240.540										.1530	.1404	.0535	.0171	.0475	
244.080															.2626
248.200															.0661
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4563	-.5149	-.4335
237.580			.2667	-.4956	-.4612	-.4245
241.120		.2052	.3204	-.4467	-.4286	-.4330
244.660	.2621	.3114	.3489		-.4328	-.4628
248.200	.2770	.3255	.3764		-.4640	-.4912
251.740	.2822	.2939	.3923			
255.280		.2161	.1337	-.3563	-.5168	-.5696
323.510				-.2827	-.4271	-.5841
327.050			-.0758	-.2984	-.4454	-.6045
330.590		.0007	-.0672	-.2950	-.4661	-.6250
334.130	.0519	-.0036	-.0867	.0000	.5023	-.6444
337.670	.0480	-.0149	-.0931		.5290	
341.210	.0441	-.0236	-.0972	.0000		
344.750		-.0302	-.1026	-.3361		

ALPHA(70) = 1.940   BETAS(4) = -4.010

SECTION (1) ET ATTACH POINTS

DEPENDENT VARIABLE CP

M/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.815.	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4697	.4609	.4021	.2699								
186.380				.4904	.4775	.3819	.1610								
189.920			.4863	.5175	.4888	.2417	-.1037								
193.480		.4555	.5199	.5873	.4436	-.2043	.0278								
197.000	.4002	.4784	.5528	.0000	.0000	-.2606	.0814								
200.540		.4214	.5084	.4863	-.2127	-.1758	.1187								
204.080			.1211	.0422	-.2175	-.1743	-.0798								
207.620				.1673	-.1821	-.1641	-.1325								
222.840												.1320	.1394	.1448	
226.380												.1378	.1396	.1389	
229.920										.1483	.1399	.1422	.1391	.1410	
233.480									.1665	.1594	.1294	.0000	.0743		
237.000								.1304	.1481	.1860	.1901				
243.540									.1504	.1660	.2230	.0000	.0000	-.0265	
244.080									.1450	.1519	.1391	.0518	.0180	.0341	
248.200															.2476
337.670															.0933

M/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4390	-.4901	-.4141
237.560				-.4829	-.4424	-.4087
241.120		.2605	.2559	-.4705	-.4083	-.4180
244.680	.2448	.2849	.2964		-.4274	-.4590
248.200	.2651	.3054	.3195		-.4555	-.4842
251.740	.2757	.2626	.3607			
255.280		.2141	.3835			
323.510			.1396	-.3538	-.4974	-.5654
327.050			-.0666	-.2840	-.4273	-.5726
330.590			-.0533	-.2888	-.4351	-.5840
334.130	.0709	.0111	-.0099	-.2769	-.4485	-.5941
337.670	.0712	.0119	-.0722	.0000	-.4752	-.5941
341.210	.0711	.0116	-.0728	.0000	-.4972	-.6063
344.750		.0111	-.0668	-.2913		

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ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS. (R81232)

ALPHAO(7) = 1.950 BETAO (5) = -2.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI
182.840				.3997	.3983	.3432	.2292								
186.380				.3937	.3960	.3168	.1435								
189.920			.3976	.4137	.3773	.1854	.0158								
193.460		.3807	.4158	.4347	.3391	.0605	.1118								
197.000	.3564	.3943	.4250	.0000	.0000	.1019	.1371								
200.540		.3418	.4015	.3573	.1363	.0776	.1786								
204.080			.1314	.0544	.1355	.0984	-.0374								
207.620				.1497	.0974	.0918	-.0456								
222.840															
226.380										.1646		.1569	.1990	.1626	
229.920										.1833		.1618	.1800	.1628	
233.460									.1712	.2176		.1671	.1613	.1629	
237.000								.1502	.1873	.2350		.1728	.0000	.0872	
240.540									.1988	.0000		.0000			
244.080									.1817	.1428		.0614	-.0214	.0357	
248.200									.1586				.0210		
337.670															.2530
															.0903

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040			-.4423	-.5921	-.4186	
237.580		.2694	-.4763	-.4631	-.4041	
241.120		.2698	.3051	-.4464	-.4288	-.4217
244.660	.2538	.2865	.3148	-.4423	-.4760	
248.200	.2660	.2944	.3479	-.4701	-.4984	
251.740	.2757	.2818	.3551			
255.280		.2398	.1568	-.3430	-.5189	
323.510				-.2976	-.4449	-.5866
327.050			-.0636	-.2996	-.4449	-.5835
330.590		.0116	-.0551	-.2794	-.4449	-.5866
334.130	.0664	.0108	-.0722	.0000	-.4623	-.5866
337.670	.0084	.0098	-.0709	.0000	-.4901	-.5897
341.210	.0716	.0083	-.0720	.0000		
344.790		.0121	-.0684	-.2828		

TABULATED PRESSURE DATA ... 14A - ...

ARC... 1A14 IX+T12+S12N25+AT10 ET ATTACH PTS.   .RB123?)

A-PHAG(7) = 1.950   BETA0(6) = .040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.3607	.3491	.2972	.2066								
186.380				.3689	.3437	.2701	.1390								
189.920			.3635	.3768	.3255	.1638	.0637								
193.460		.3789	.4025	.4122	.2514	-.0306	.1403								
197.000	.3663	.3997	.4318	.0930	.0930	-.0726	.1497								
200.540		.3553	.4221	.3768	-.1177	-.0794	.1651								
204.080			.1663	.1920	-.1187	-.0827	-.0261								
207.620				.1733	-.0892	-.0687	-.0301								
222.840											.2126	.1995	.1949	.1937	
226.380										.2231	.2470	.2134	.2029	.2048	
229.920										.2531	.2470	.2221	.2040	.2094	
233.460									.2108	.2529	.3003	.2421	.0000	.1156	
237.000								.1867	.2118	.2265	.2911	.0000			
243.540									.2018	.1977	.1729	.0563	-.0610	.0128	
244.080													-.0071		
240.200															.3418
337.670															.1017

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4563	-.4791	-.3781
237.580		.3585	.3610	-.4687	-.4235	-.3838
241.120		.3752	.3936	-.4088	-.3887	-.3964
244.680	.3457	.3683	.4054		-.3933	-.4262
248.250	.3611	.3790	.4347		-.4220	-.4456
251.740	.3737	.3492	.4524			
255.280			.2672	-.2703	.5238	
323.510			-.0424	-.2966	-.4539	-.6029
327.050		.0270	-.0320	-.3016	-.4598	-.6006
330.590		.0249	-.0541	-.2820	-.4570	-.6076
334.130	.0437	.0195	-.0395	.0000	-.4754	-.6146
337.670	.0434	.0159	-.0628	.0000	-.4909	-.6153
341.810	.0822	.0158	-.0641	-.2784		

ARC11-716 IA14 CA+T12+S12N25+ATIO ET ATTACH PTS.   (RB1238)

ALPHA0(7) = 1.930   BETA0(7) = 2.030

SECTION (1)E1 ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3810	.3770	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8160	.8330	.8280	.8340	.8390	.8150
PHI															
182.840				.3696	.3577	.3688	.2206								
186.380				.3734	.3482	.2771	.1748								
189.920			.3990	.3925	.3280	.1786	.1181								
193.460		.4131	.4223	.4219	.2405	.0179	.1838								
197.000	.3870	.4379	.4723	.0000	.0000	-.0272	.1976								
200.540		.3636	.4697	.4361	-.0646	-.0546	.1833								
204.080			.1926	.1274	-.0695	-.0383	.0018								
207.620				.2930	-.0359	-.0223	.0131								
222.640												.2510	.2505	.2531	
226.380											.2663	.2628	.2541	.2551	
229.920										.2781	.2922	.2612	.2447	.2539	
233.460									.3037	.3288	.2313	.0030	.1585		
237.000								.2704	.3209	.3633					
240.540							.2461	.2763	.3084	.0000	.0009	.0022	.0089		
244.080								.2699	.2730	.2595	.1184	.0565			
248.29?															.4824
337.620															.1121

X/LT	.9210	.9270	.9320	.9360	.9390	.9430	.9480
PHI							
234.040				-.4170	-.5240	-.3764	
237.580		.4716	.4437	-.4645	-.4669	-.3813	
241.120		.4985	.4998	-.3674	-.4245	-.4251	
244.660	.4634	.5144	.5267		-.4304	-.4725	
248.200	.4863	.5027	.5565		-.4535	-.4661	
251.740	.5052	.4744	.5644				
255.280			.5991	-.1904	-.5844		
323.510				-.2909	-.4490	-.5970	
327.050		.0385	-.0367	-.2963	-.4557	-.5967	
330.590		.0372	-.0215	-.2734	-.4518	-.6026	
334.130	.0941	.0334	-.0434	.0000	-.4691	-.6117	
337.670	.0951	.0283	-.0459	.0000	-.4810	-.6168	
341.810	.0916	.0334	-.0453				
344.750			-.0446	-.2652			

ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(I 7) = 1.930   BETA(8) = 4.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.84C				.3870	.3762	.3289	.2435								
186.380				.3980	.3706	.2963	.1918								
189.920			.4147	.4123	.3557	.1956	.1379								
193.460			.4359	.4530	.2697	.0415	.2120								
197.000	.3665	.4152	.4575	.0000	.0000	.0082	.2217								
200.540		.3716	.4395	.3993	-.0210	-.0210	.2115								
204.080			.2026	.1281	-.0265	.0013	.0551								
207.620				.2400	.0143	.0200	.0391								
222.040											.3153	.2912	.2818	.2849	
226.380											.3529	.2979	.2815	.2815	
229.920										.3511	.4310	.2812	.2547	.2864	
233.460									.3463	.4051	.5089	.2124	.0000	.1110	
237.000								.3087	.3601	.4419	.5089				
240.540									.3519	.4175	.0000	.0000	-.0135		
244.080										.596	.3406	.1370	.0664	.0584	
248.200															.5721
337.670															.0929

X/LT	.9210	.9270	.9320	.9360	.9430	.9460
PHI						
234.040				-.3826	-.5753	-.4559
237.580			.6288	-.3700	-.5619	-.4119
241.120		.6189	.6625	-.2292	-.5319	-.4577
244.660	.9932	.6282	.5589		-.5123	-.5333
248.200	.5891	.6269	.6473		-.5136	-.5286
251.740	.6025	.6100	.6229			
255.280		.5735	.4622	-.1589	-.6598	
323.510				-.3051	-.4585	-.6067
327.050			-.0512	-.3109	-.4647	-.6008
330.590		.0195	-.0382	-.2907	-.4565	-.6044
334.130	.0788	.0198	-.0603	.0000	-.4753	-.6140
337.670	.0770	.0152	-.0644		-.4872	-.6230
341.210	.0733	.0134	-.0623	.0000		
344.750		.0142	-.0566	-.2783		

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ARC11-716 IA14 O1+T12-S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(7) = 1.960   BETAO (9) = 6.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.9390	.9160
PHI															
182.840				.3838	.3747	.3251	.2427								
186.380				.3882	.3677	.2910	.1940								
189.920			.3994	.4018	.3488	.1943	.1494								
193.460		.3890	.4204	.4451	.2830	.0869	.2227								
197.000	.3403	.3936	.4448	.0000	.0000	.0512	.2412								
200.540		.3534	.4210	.3944	.0164	.0170	.2315								
204.080			.2364	.1708	.0161	.0378	.0891								
207.620				.2436	.0553	.0576	.0811								
222.840											.3637	.3254	.3165	.3247	
226.380											.4085	.3341	.3152	.3183	
229.920											.4903	.3097	.2880	.7258	
233.460									.4112	.4166	.5826	.2263	.0000	.1119	
237.000								.3644	.4238	.4771					
240.540									.4128	.5151	.0000	.0000	-.0079		
244.080										.4902	.3997	.1669	.0904	.0875	
248.200										.4241					.6592
337.670															.0545

X/LT	.9210	.9270	.9320	.0380	.9430	.9480
PHI						
2?.040				-.3046	-.6017	-.5715
237.940				-.2815	-.5942	-.4670
241.120				-.1444	-.5808	-.4730
244.680	.6889	.7342	.7646		-.5503	-.5595
248.240	.6663	.7324	.7741		-.5469	-.5629
251.740	.5865	.7198	.7556			
		.6955	.7433			
255.280		.6655	.6967	-.1150	-.6997	-.6368
			.5364	-.3253	-.4821	-.6321
323.510				-.3392	-.4935	-.6326
327.050	.0390	-.0088	-.0718	-.3262	-.4849	-.6391
330.590	.0346	-.0144	-.0669	.0000	-.4984	-.6477
334.130	.0315	-.0231	-.0946	.0000	-.5069	
337.670		-.0308	-.1029	-.3182		
341.210		-.0358	-.1083			
344.750			-.1101			

ARC11-716 IA14 O1+T12+S12N25+A110 ET ATTACH PTS.   (RB1:232)

ALPHA0(7) = 1.950   BETA0 (10) = 0.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3759	.3678	.3350	.2605								
186.380				.3806	.3650	.3071	.2270								
189.920			.3825	.3934	.3484	.2286	.1932								
193.460		.3546	.3971	.4230	.2902	.1491	.2474								
197.000	.3005	.3529	.4065	.0000	.0000	.1341	.2804								
200.540		.3·94	.3746	.3612	.0653	.0930	.2812								
204.080			.2706	.2042	.0674	.0930	.1360								
207.620				.2400	.0970	.1045	.1339								
222.840												.3547	.3458	.3551	
226.380											.3974	.3611	.3399	.3471	
229.920										.4573	.4414	.3317	.2979	.3568	
233.460									.4538	.5208	.5207	.2483	.0000	.1333	
237.000								.4062	.4678	.5612	.6281	.0000			
240.540									.4553	.5374	.0000	.0000	.0146		
244.080										.4701	.4422	.1983	.1224	.1222	
248.200															.0993
337.670															.0378

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
214.040				-.2512	-.7035	-.6093
237.580			.8458	-.2250	-.6169	-.6036
241.120			.8371	-.0936	-.6164	-.5716
244.660	.7419	.7965	.8177		-.6154	-.6088
248.200	.7337	.7906	.7970		-.6071	-.6080
251.740	.7304	.7727	.7307			
255.280		.7121	.5839	-.1011	-.7133	
323.510				-.3321	-.4885	-.6450
327.050		-.0180	-.0821	-.3444	-.5032	-.6416
330.590		-.0259	-.0772	-.3346	-.4942	-.6400
334.130	.0257	-.0380	-.1064	.0000	-.5048	-.6561
337.670	.0214	-.0465	-.1147		-.5140	-.6697
341.210	.0173	-.0511	-.1194	.0000		
344.750			-.1252	-.3318		

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ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(7) =   1.940   BETAO (11) =   10.140

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.1130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.3455	.3504	.3293	.2760								
186.380				.3455	.3425	.3097	.2545								
189.920			.3399	.3560	.3384	.268(	.2436								
193.460		.3064	.3409	.3851	.3107	.2092	.2650								
197.000	.2313	.2837	.3273	.0000	.0000	.1917	.2811								
200.540		.2596	.3061	.3C72	.1065	.1646	.2739								
204.080			.2688	.2458	.1136	.1391	.1703								
207.620				.2573	.1241	.1409	.1827								
222.840											.4212	.3729	.3712	.5681	
226.380											.4603	.3795	.3581	.3610	
229.920										.4830	.5431	.3437	.3102	.3782	
233.460									.4860	.5530		.2430	.0000	.1239	
237.000								.4354	.5014	.5967	.6699	.0000	.0000		
240.540									.4865	.5729	.0000	.0000	.0373		
244.080										.5103	.4830	.2244	.1439	.1449	
248.200															.7240
337.670															.0024

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.8784	-.2221	-.7788	-.6317
237.580			.8728	-.2088	-.6367	-.6275
241.120		.8311	.8569	-.0780	-.6413	-.6164
244.660	.7712	.8255	.8367		-.6364	-.6332
248.200	.7632	.8106	.7606		-.6310	-.6265
251.740	.7581	.7729	.6112			
255.280		.7445		-.1004	-.7142	
323.510				-.3462	-.5070	-.6681
327.050			-.0995	-.3626	-.5235	-.6671
330.590		-.0451	-.0975	-.3562	-.5191	-.6637
334.130	-.0043	-.0539	-.1298	.0000	-.5238	-.6738
337.670	-.0089	-.0720	-.1431	.0000	-.5354	-.6633
341.210	-.0232	-.0774	-.1490	.0000		
344.790		-.0830	-.1531	-.3539		

ARC11-716 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(0,8) = 3.970   BETA0(1) = -9.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.840				.4568	.4619	.4206	.3130								
186.380				.4865	.4921	.4224	.2151								
189.320			.4857	.5372	.5247	.3066	-.0804								
193.460		.4511	.5380	.6011	.5101	-.2744	-.2252								
197.000	.3709	.4793	.5601	.0000	.0000	-.4697	-.1266								
200.540		.4258	.5226	.4885	-.4221	-.3389	.0431								
204.080			.0654	.0903	-.4289	-.3754	-.2357								
207.620				.0741	-.3573	-.3637	-.2625								
222.840											.1433	.1356	.1415	.1565	
226.380											.1577	.1395	.1415	.1547	
229.920										.1528	.1810	.1415	.1415	.1563	
233.460									.1520	.1720	.2325	.1141	.0000	.0692	
237.000								.1384	.1595	.1969	.0000	.0000			
240.540									.1651	.2010	.1764	.0475	-.0466	.0403	
244.080										.1810			.0075		
248.200															.2968
337.670															-.0062

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4499	-.5288	-.4457
237.580				-.4955	-.4847	-.4322
241.120				-.4181	-.4325	-.4397
244.660	.3115	.3353	.3029		-.4452	-.4749
248.200	.3265	.3622	.3648		-.4556	-.4972
251.740	.3298	.3459	.3959			
253.280		.2915	.4241			
323.510			.4032	-.3331	-.5265	-.6173
327.050			.1990	-.3440	-.4843	-.6310
330.590		-.0779	-.1338	-.3551	-.5016	-.6370
334.130	-.0193	-.0815	-.1312	-.3450	-.5177	-.6396
337.670	-.0266	-.0905	-.1561	.0000	-.5404	-.6510
341.210	-.0396	-.0998	-.1603	.0000	-.5503	
344.750		-.1061	-.1634	-.3832		
			-.1686			

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ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAQ(8) = 3.990   BETAQ (2) = -8.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.4621	.4635	.4119	.2917								
186.380				.4858	.4860	.4050	.1891								
189.920			.4838	.5288	.5078	.2702	-.1114								
193.460		.4421	.5187	.5975	.4215	-.2996	-.1763								
197.000	.3701	.4662	.5450	.0000	.0000	-.4328	-.0930								
200.540		.4124	.5092	.4622	-.3704	-.3215	.0360								
204.080			.0789	-.0007	-.3780	-.3235	-.2005								
207.620				.0918	-.3286	-.3161	-.2643								
222.840												.1389	.1473	.1618	
226.380											.1458	.1461	.1471	.1623	
229.920										.1536	.1612	.1489	.1466	.1539	
233.460									.1495	.1726	.1847	.1327	.0000	.0830	
237.000								.1406	.1385	.1905	.2265				
240.540									.1570	.1920	.0000	.0000	-.0266		
244.080										.1779	.1647	.0605	.0239	.0555	
248.200															.2933
337.670															.0348

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4467	-.5066	-.4223
237.580			.2917	-.4896	-.4596	-.4207
241.120		.3267	.3523	-.4375	-.4168	-.4238
244.660	.3000	.3337	.3490		-.4248	-.4484
248.200	.3219	.3698	.4226		-.4457	-.4750
251.740	.3309	.3519	.4170			
255.280		.2946	.2059	-.3289	-.5029	-.5929
323.510				-.3046	-.4533	-.6159
327.050		-.0227	-.0859	-.3219	-.4760	-.6381
330.590		-.0348	-.0843	-.3185	-.5037	-.6381
334.130	.0245		-.1058	.0000	-.5390	-.6482
337.670	.0165	-.0404	-.1101		-.5412	-.6544
341.210	.0078	-.0499	-.1223	.0000		
344.750		-.0526	-.1236	-.3536		

ARC11-716 IA14 O1+T12+S12N25+ATID ET ATTACH PTS.   (RB1232)

ALPHAO(B) =   3.970   BETAO(3) =   -6.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI
182.840				.4409	.4360	.3808	.2603								
186.380				.4519	.4431	.3618	.1557								
189.920			.4519	.4719	.4437	.2211	-.1193								
193.460			.4825	.5248	.3895	-.2432	-.0667								
197.000	.3862	.4286	.5159	.0000	.0000	-.2859	.0232								
200.540		.4576	.4936	.4426	-.2943	-.2338	.0940								
204.080		.4029		.0354	-.2961	-.2473	-.1344								
207.620			.1039	.1315	-.2757	-.2432	-.2036								
222.840												.1388	.1393	.1553	
226.380												.1441	.1449	.1522	
229.920											.1460	.1465	.1473	.1481	
233.460									.1434	.1539	.1571	.1368	.0000	.0888	
237.000								.1326	.1524	.1686	.1776	.0000	.0000		
240.540									.1486	.1729	.2079		-.0020		
244.080										.1750	.0000	.0694	.0365	.0700	
248.200										.1545	.1478				.2656
337.670															.0867

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040	.2630	.2776	.2578	-.4399	-.5023	-.4162
237.580	.2826	.3114	.3114	-.4853	-.4453	-.4131
241.120		.2776	.3435	-.4600	-.4131	-.4253
244.660	.2630	.3114	.3796		-.4275	-.4625
248.200	.2826	.3327	.4012		-.4624	-.4897
251.740	.2988	.3145	.1780	-.3437	-.5101	-.5771
255.280		.2627		-.2815	-.4328	-.5316
323.510			-.0619	-.2948	-.4486	-.6073
327.050			-.0592	-.2837	-.4669	-.6182
330.590	.0695	.0143	-.0684	.0000	-.4954	-.6319
334.130	.0677	.0127	-.0719		-.7125	
337.670	.0641	.0099	-.6739	.0000		
341.210		.0040	-.0708	-.3061		
344.750		.0036				

ARC11-716 1A14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAQ(B) =   3.930   BETAQ (4) = -3.990

SECTION ( )ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3971	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
PHI															
182.040				.3878	.3767	.3220	.2177								
186.380				.3972	.3762	.3064	.1418								
189.920			.3898	.4141	.3813	.1985	-.0098								
193.460		.3709	.4077	.4668	.3545	-.0874	.0802								
197.000	.3353	.3875	.4226	.0000	.0000	-.1398	.1103								
200.540		.3314	.3855	.3419	-.1835	-.0796	.1525								
204.080			.0923	.0945	-.1713	-.1208	-.0611								
207.620				.1120	-.1385	-.1218	-.0612								
222.840											.1335	.1302	.1369	.1446	
226.380											.1409	.1335	.1369	.1415	
229.920										.1370	.1561	.1353	.1369	.1421	
233.460									.1337	.1429	.1766	.1371	.0000	.0975	
237.000								.1224	.1373	.1527	.0000	.0000	.0227		
240.540									.1329	.1532	.1335	.0750	.0513	.0633	
244.080										.1376					
248.200															.2327
337.670															.1019

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2105	-.4205	-.4849	-.4022
237.580		.2333	.2672	-.4662	-.4324	-.3973
241.120			.2974	-.4793	-.4067	-.4105
244.660	.2307	.2707	.3484		-.4219	-.4538
248.200	.2502	.2951	.3732	.0000	-.4554	-.4802
251.740	.2727	.2879				
255.280		.2444	.1634	-.3434	-.4962	-.5728
323.510			-.0567	-.2825	-.4309	-.5821
327.050		.0222	-.0452	-.2880	-.4399	-.5932
330.590		.0229	-.0585	-.2733	-.4513	-.6009
334.130	.0600	.0224		.0000	-.4763	-.6009
337.670	.0820		-.0997			-.6092
341.210	.0837	.0209	-.0800	.0000	-.4936	
344.750		.0246	-.0528	-.2792		

TABULATED AERODYNAMIC DATA

ARC11-716 (A14 2X+T12+S12N25+A11C ET ATTACH PTS.   (RB1232)

ALPHAD(8) = 5.950   BETAD(5) = -2.000

SECTION (1)JET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT / PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.8160
182.840				.3445	.3299	.2832	.1986								
186.380				.3469	.3222	.2563	.1325								
189.920			.3407	.3479	.3091	.1617	.0436								
193.460		.3258	.3597	.3838	.2709	-.0318	.1053								
197.000	.3030	.3412	.3674	.0000	.0000	-.0769	.1297								
200.540		.2958	.3455	.2953	-.1291	-.0468	.1666								
204.080			.1233	.0535	-.1222	-.0794	-.0330								
207.620				.1320	-.0957	-.0753	-.0194								
222.840											.1640	.1645	.1619	.1707	
226.380										.1620	.1694	.1661	.1619	.1671	
229.920									.1589	.1737	.1843	.1692	.1625	.1676	
233.460									.1566	.1748	.1928	.1694	.0000	.1200	
237.000								.1476	.1548	.1715	.0000	.0000	.0465	.0979	
240.540										.1597	.1499	.0935	.0724		
244.080															.2594
248.200															.1077
337.670															

X/LT / PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.2195	-.4404	-.5094	-.4075
237.580		.2195	.2722	-.4969	-.4816	-.4129
241.120			.2722	-.4862	-.4624	-.4380
244.660	.2468	.2801	.3087			-.4917
248.200	.2743	.3594	.3681		-.4960	.5124
251.740	.3001	.3087	.3927	-.3140	-.5544	-.5751
255.280		.2763	.1950	-.2871	-.4326	-.5785
323.510			-.0564	-.2902	-.4373	-.5785
327.050		.0243	-.0429	-.2693	-.4445	-.5868
330.590		.0243	-.0577	.0000	-.4660	-.5946
334.130	.0040	.0243	-.0552	.0000	-.4865	-.6003
337.670	.0063	.0246	-.0571	.0000		
341.210	.0073	.0282	-.0909	.2724		
344.790						

ARC11-7:6 IA14 O1+T12+S12+25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(I)(B) = 3.840   BETA(I)(6) = .040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8360	.8180
PHI															
182.840				.3362	.3242	.2879	.2012								
186.380				.3464	.3188	.2582	.1452								
189.922			.3534	.3500	.3022	.1592	.0782								
193.460		.3472	.3708	.3838	.2390	.0014	.1467								
197.000	.3291	.3657	.3849	.0000	.0000	-.0311	.1605								
200.540		.3191	.3831	.3293	-.0808	-.0491	.1728								
204.080			.1807	.1022	-.0805	-.0455	.0012								
237.620				.1761	-.0540	-.0366	.0005								
222.840											.2180	.2083	.2105	.2123	
226.360										.2180	.2331	.2172	.2131	.2138	
229.920									.2067	.2320	.2594	.2249	.2133	.2190	
233.480									.2073	.2356	.2556	.2349	.0000	.1493	
237.000								.1932		.2218					
240.540											.0000	.0000	.0314		
244.080									.2047	.2047	.1909	.1089	.0739	.0950	
246.200															.3410
337.670															.1158

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4477	-.4968	-.3838
237.580			.3105	.4788	-.434	-.3859
241.120		.3356	.3625	-.4363	-.4039	-.4078
244.660	.3389	.3669	.3916		-.4194	-.4468
248.200	.3800	.3896	.420		-.4485	-.4672
251.740	.3772	.3853	.4630			
255.280		.3620	.2783	-.2559	-.5403	-.5805
323.510				-.2801	-.4339	-.5810
327.050		-.0331	-.0331	-.2838	-.4398	-.5908
330.990		.0403	-.0213	-.2645	-.4398	-.5981
334.130	.0961	.0395	-.0411	.0000	-.4592	-.6004
337.670	.0984	.0385	-.0445		-.4773	
341.210	.1009	.0367	-.0450	.0000		
344.750		.0393	-.0412	-.2608		

AR(11-7:6 IA14 J1+T12+S12+N25+A11D ET ATTACH PTS.   (RB1232)

ALPHAD (0) = .650   BETAD (7) = 2.050

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.3070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3368	.3199	.2819	.2026								
186.380				.3432	.3209	.2614	.1681								
189.920			.3373	.3518	.3027	.1767	.1208								
193.460		.3583	.3752	.3756	.2328	.0388	.1732								
197.000	.3417	.3709	.3998	.0000	.0000	-.0022	.1885								
200.540		.3348	.3921	.3429	-.0647	-.0199	.2018								
204.080			.1922	.1254	-.0632	-.0222	.0154								
207.620				.2007	-.0262	-.0166	.0264								
222.840												.2604	.2610	.2615	
226.380											.2681	.2665	.2605	.2579	
229.920									.2801	.2880	.2581	.2553	.2553		
233.460									.3101	.3288	.2237	.0000	.1433		
237.000							.2576		.3396	.3826	.0000				
240.540									.3281	.0000	.0000	.0340			
244.080								.2791	.2914	.2783	.1432	.0459	.0937		
248.200								.2870							.4555
357.670								.2842							.1287

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4313	-.5084	-.3920
237.580		.4779	.4657	-.4424	-.4795	-.3640
241.120			.5152	-.3322	-.4324	-.4168
244.660	.4627	.4941	.5293		-.4442	-.4703
248.200	.4716	.5054	.5439		-.4548	-.4786
251.740	.4832	.4890	.5262			
255.280		.4556	.3498	-.2264	-.5523	
323.(15)				-.2770	-.4365	-.5882
327.050		.0513	-.0219	-.2831	-.4442	-.5877
330.590	.1099	.0903	-.0081	-.2398	-.4411	-.5965
334.130		.0474	-.0263	.0000	-.4803	-.6058
337.670	.1125	.0449	-.0311		-.4745	-.6133
341.210	.1090		-.0329	.0000		
344.750		.0473	-.0288	-.2547		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CK+T12+S12M25+AT10 ET ATTACH PTS.   (R81232)

ALPHAOI B) =   4.020   BETAO (B) =   4.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3551	.3415	.2947	.2150								
185.380				.3536	.3297	.2627	.1661								
189.920			.3749	.3664	.3125	.1668	.1174								
193.460		.3667	.3954	.4064	.2437	.0218	.1797								
197.000	.3421	.3844	.4251	.0000	.0000	.0226	.1887								
200.540		.3523	.4159	.3774	-.0507	-.0404	.1833								
214.080			.2200	.1429	-.0517	-.0219	.0267								
217.620				.2200	-.0161	-.0050	.0162				.3327	.3086	.3065	.3114	
222.840										.3623	.3648	.3171	.3062	.3065	
226.380										.4077	.4344	.3043	.2864	.3113	
229.920									.3549	.4578	.5016	.2491	.0000	.1535	
233.460								.3174	.3633	.4111	.0000	.0000	.0199	.0988	
237.000									.3502	.3577	.3376	.1606	.0982		
240.540															.5522
244.080															.1118
246.800															
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.6551	-.3679	-.6003	-.5645
237.580		.6175	.6564	-.3519	-.5877	-.5061
241.120		.6100	.6392	-.2174	-.5913	-.4916
244.660	.5732	.5972	.6325		-.5779	-.5764
248.200	.5663	.5815	.5840		-.5799	-.5816
251.740	.5727	.5464	.4385			
255.280				-.2102	-.6610	-.6007
323.510				-.2889	-.4492	-.5971
327.050			-.0317	-.2965	-.4551	-.8028
330.590		.0378	-.0201	-.2751	-.4502	-.6111
334.130	.0949	.0388	-.0404	-.0000	-.4660	-.6211
337.670	.0988	.0360	-.0410		-.4792	
341.210	.0938	.0304	-.0464	.0000		
344.750		.0551	-.0413	-.2668		

AR011-716 1A14 CA+T12+S12N25+A11G ET ATTACH PTS.

(RB1232)

ALPHA(I,8) = 4.010   BETA(I,9) = 6.080

SECTION 1 (JET ATTACH POINTS)   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3975	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.040				.3643	.3532	.3068	.2245								
186.380				.3724	.3429	.2724	.1754								
189.920			.3766	.3839	.3285	.1740	.1257								
193.480			.3976	.4308	.2696	.0503	.2026								
197.000	.3010	.3576	.4312	.0000	.0000	.0085	.2062								
200.540		.3584	.3879	.3601	-.0133	-.0103	.1936								
204.080		.3264	.2661	.1750	-.0241	.0084	.0578								
207.620				.2237	.0103	.0312	.0420								
222.840												.3462	.3386	.3434	
226.380												.3518	.3378	.3445	
229.920												.3333	.3095	.3492	
233.480										.4197	.3778	.2590	.0000	.1609	
237.000								.3653	.4108	.4738	.4153				
240.540									.4226	.5062	.4906	.0000	.0277		
244.080									.4103	.4797	.5741	.1844	.1162	.1161	
248.200										.175	.0000	.0000			
237.670											.3937				.0273
															.0017

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.2998	-.6510	-.5977
237.580			.7501	-.2762	-.6043	-.5754
261.120			.7627	-.1473	-.6089	-.5435
244.660	.6623	.7151	.7421		-.6056	-.6013
248.200	.6648	.7107	.7182		-.5981	-.5992
251.740	.6905	.6427	.6622			
255.280		.6616	.5147	-.1685	-.6876	
323.510			.6419	-.3062	-.4632	-.6145
327.090		.0143	-.0518	-.5161	-.4723	-.6104
330.990			-.0411	-.2972	-.4640	-.6119
334.130	.0675	.3102	-.0663	.0000	-.4795	-.6192
337.670	.0667	.0048	-.0637		-.4889	-.6298
341.210	.0623	.0001	-.0744	.0000		
344.750	.0623	.0003	-.0751	-.2887		

ARC11-716 IA14 CA+T12+S12N25+A710 ET ATTACH PTS.   (RB1232)

ALPHA(I B) =   4.080   BETA0 (0) =   8.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.6120	.8180	.8250	.8280	.8340	.8390	.8160
RI															
182.840				.3381	.3373	.3020	.2375								
186.360				.3396	.3296	.2735	.1991								
189.920			.3279	.3447	.3122	.1995	.1629								
193.460		.2851	.3251	.3682	.2656	.1016	.2039								
197.000	.8153	.2752	.3103	.0820	.0000	.0739	.2098								
280.540		.2579	.3013	.2863	.0091	.0650	.2193								
234.080			.2860	.1960	.2098	.0527	.0773								
217.620				.2236	.0160	.0586	.0874								
222.040											.4208	.3802	.3603	.3790	
226.380											.4652	.3915	.3738	.3713	
229.920									.4671	.4727	.5525	.3638	.3353	.3364	
233.460									.4771	.5310	.6416	.2770	.0000	.1046	
237.000								.4175	.4594	.5733	.0000	.0000			
240.540										.5405		.0000	.0452		
244.080										.4709	.4429	.2109	.1416	.1319	
248.200															.8043
337.670															.0473

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PA						
P34.040				-.2502	-.7188	-.6153
237.580		.8309	.8332	-.2314	-.6222	-.6065
241.120		.8096	.827,	-.1086	-.6258	-.5845
244.680	.7278	.7896	.8150	-.6242	-.6215
248.200	.7272	.7730	.7945	-.6151	-.6031
251.740	.7249	.7424	.7747			
255.280		.7086	.5841	-.1288	-.6981	
323.510				-.3282	-.4839	-.6348
327.050		-.7145	-.0754	-.3395	-.4955	-.6296
330.590	.0390	-.0194	-.0679	-.3238	-.4857	-.6301
334.130	.0265	-.0280	-.0987	.0000	-.4984	-.6376
337.672	.0261	-.0353	-.1060	.0000	-.5067	-.6472
341.210		-.0353	-.1073			
344.750		-.0388	-.1073	-.517		

ALPHAO(8) = 4.050   BETAO (11) = 10.160   (RB1232)

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2960	.3068	.2893	.2397								
186.380				.2879	.2884	.2586	.2126								
189.920			.2608	.2817	.2689	.2057	.1817								
193.460		.2069	.2480	.2891	.2346	.1347	.1927								
197.000	.1366	.1987	.2339	.0000	.0000	.1146	.1994								
200.540		.1892	.2345	.2191	.0640	.1245	.1968								
204.080			.2148	.2260	.0635	.0844	.1094								
207.620				.2053	.0668	.0913	.1330								
222.840												.4192	.4154	.4159	
226.380											.4623	.4264	.4048	.4082	
229.920											.5128	.3895	.3568	.4267	
233.460									.5248	.5276	.6066	.2821	.0000	.1933	
237.000									.5407	.6043	.6481	.7185	.0000		
240.540								.4682	.5256	.6214	.0000	.0000	.0835		
244.080										.5428	.5166	.2472	.1802	.1705	
245.200															.7518
337.670															.0029

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2095	-.7794	-.6308
237.580			.8929	-.1999	-.6331	-.6209
241.120		.8173	.9029	-.0736	-.6409	-.6137
244.660	.7871	.8596	.8927		-.6393	-.6331
248.200	.7978	.8470	.8732		-.6313	-.6255
251.740	.7998	.8167	.8021			
255.280		.7903	.6550	-.0991	-.7033	
323.510				-.3479	-.4972	
327.050			-.1083	-.3611	-.5127	-.6478
330.590		-.0517	-.1106	-.3523	-.5070	-.6455
334.130	-.0115	-.0608	-.1425	.0000	-.5166	-.6566
337.670	-.0197	-.0764	-.1494	.0000	-.5259	-.6664
341.210	-.0251	-.0922	-.1587			
344.750		-.0956	-.1646	-.3557		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(0) = 5.980   BETAO (1) = -9.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.4129	.4182	.3894	.2959								
186.380				.4335	.4407	.3823	.2074								
189.920			.4308	.4668	.4532	.2671	-.0844								
193.460			.4569	.5016	.4173	.2677	-.2323								
197.000	.3369	.3998	.4769	.0000	.0000	-.3756	-.0816								
200.540		.4211	.4569	.3997	-.4222	-.2689	.0448								
204.080		.3755	.0348	.0234	-.4346	-.3766	-.2488								
207.620				.0620	-.3697	-.3583	-.2467								
222.840												.1425	.1510	.185°	
226.380											.1515	.1463	.1510	.1608	
229.920										.1572	.1627	.1568	.1515	.1635	
233.460									.1552	.1647	.1786	.1568	.0000	.1106	
237.000								.1421	.1531	.1788	.2053	.0000			
240.540									.1529	.1744	.0000	.0000	.0162	.0903	
244.080										.1562	.1486	.0716	.0582		
248.200															.2609
337.670															.0111

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4477	-.5093	-.4376
237.580			.2774	-.4881	-.4678	-.4234
241.120		.2896	.3252	-.4291	-.4337	-.4298
244.660	.2691	.3122	.3461		.1451	-.4725
248.200	.2825	.3156	.3628		..8	-.4957
251.740	.2859	.2834	.3494			
255.280		.2495	.1657	-.3564	-.4986	-.6089
323.510				-.3165	-.4670	-.6314
327.050		-.0368	-.1024	-.3332	-.4918	-.6466
330.590		-.0494	-.0980	-.3245	-.5141	-.6541
334.130	.0116	-.0593	-.1221	.0000	-.5386	-.6652
337.670	.0013	-.0667	-.1304	.0000	-.5474	
341.210	-.0112	-.0727	-.1379	-.3693		
344.750			-.1374			

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ARC11-716 1A14 O1+T12+S12N25+AT10 ET ATTACH PTS.

ALPHAO(9) =   5.960   BETAO (2) = -7.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4207	.4191	.3732	.2681								
156.380				.4355	.4296	.3584	.1657								
189.920			.4335	.4636	.4311	.2238	-.1227								
193.460		.4092	.4622	.5153	.3850	-.2719	-.1573								
197.000	.3488	.4299	.4988	.0000	.0000	-.3606	-.0325								
200.540		.3885	.4757	.4319	-.3496	-.2792	.0653								
204.080			.0749	-.0018	-.3529	-.3034	-.1885								
207.620				.0985	-.3184	-.3003	-.2387								
222.840											.1513	.1454	.1486	.1640	
226.380										.1555	.1623	.1495	.1483	.1643	
229.920									.1460	.1655	.1784	.1510	.1493	.1621	
233.460									.1535	.1765	.2012	.1510	.0000	.1090	
237.000								.1402	.1537	.1745	.0000	.0000	.0230	.0250	
240.540										.1624	.1508	.0801	.0603	.0946	
244.080															.2650
248.200															.0604

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4460	-.5076	-.4246
237.580			.2569	-.4870	-.4612	-.4153
241.120		.2825	.3154	-.4480	-.4362	-.4282
244.660	.2691	.3047	.3429		-.4488	-.4675
248.200	.2792	.3188	.3702		-.4764	-.5029
251.740	.2975	.2980	.3712			
255.280		.2609	.1549	-.3462	-.5143	-.5946
323.510			-.0708	-.2956	-.4468	-.6166
327.050		-.0002	-.0619	-.3100	-.4706	-.6324
330.990		-.0076	-.0835	-.2987	-.4931	-.6406
334.130	.0537	-.0115	-.0878	.0000	-.5171	-.6525
337.670	.0478	-.0169	-.0914	.0000	-.5249	
341.210	.0426	-.0222	-.0898	-.3314		
344.790						

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA0(9) =   5.940   BETA0(3) =   -5.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3831	.3762	.3222	.2224								
186.380				.3935	.3805	.3046	.1256								
189.920			.3959	.4183	.3917	.1769	-.0995								
193.480		.3877	.4291	.4610	.3286	-.2053	-.0358								
197.000	.3496	.4059	.4562	.0000	.0000	-.2528	.0319								
200.540		.3616	.4370	.3981	-.2711	-.2138	.0771								
204.080			.1088												
207.620				.0355	-.2683	-.2163	-.1292								
222.840				.1249	-.2434	-.2087	-.1790				.1455	.1421	.1476	.1576	
226.380										.1459	.1542	.1488	.1512	.1545	
229.920									.1434	.1567	.1687	.1501	.1502	.1561	
233.480								.1334	.1454	.1595	.1879	.1534	.0000	.1161	
237.000									.1413	.1592	.0000	.0000	.0333	.0956	
240.540										.1493	.1439	.0881	.0705		
244.08?															.2403
248.2?0															.0900
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4336	-.4936	-.4051
237.580		.2515	.2297	-.4774	-.4465	-.4051
241.120		.2797	.2833	-.4681	-.4200	-.4232
244.660	.2463	.3007	.3143	.0000	-.4378	-.4657
248.200	.2634	.2882	.3476	.0000	-.4638	-.4941
251.740	.2814	.2584	.3625			
255.280			.1705	-.3440	-.5062	
323.510			-.0535	-.2876	-.4428	-.5893
327.030		.0190	-.0416	-.2980	-.4577	-.6166
330.590	.0777	.0161	-.0597	-.2822	-.4732	-.6187
334.130	.0777	.0149	-.0617	.0000	-.4988	-.6259
337.670	.0741	.0126	-.0643	.0000	-.5104	-.6352
341.210		.0119	-.0583			
344.750			-.3008			

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ARC11-716 IA14 D1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA-(9) = 5.960   BETAO (4) = -3.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.840				.3353	.3257	.2768	.1875								
186.380				.3539	.3298	.2661	.1208								
189.920			.3553	.3695	.3359	.1671	.0019								
193.460			.3720	.4187	.2965	-.0774	.0758								
197.000	.3138	.3361	.3915	.0000	.0000	-.1306	.1011								
200.540		.3548	.3620	.3065	-.1825	-.0868	.1504								
204.080		.3740	.0910	.0958	-.1736	-.1219	-.0591								
207.620				.1104	-.1385	-.1211	-.0648								
222.840										.1392	.1406	.1391	.1404	.1486	
226.380									.1361	.1463	.1478	.1429	.1406	.1463	
229.920									.1389	.1388	.1565	.1430	.1424	.1527	
233.460								.1292	.1347	.1517	.1737	.1435	.0000	.1140	
237.000											.0000	.0000	.0000	.0403	.9180
240.540											.1373	.0857	.0741	.1011	
244.080														.2300	
248.200														.1060	
337.670															

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4226	-.4850	-.3994
237.580			.2020	-.4698	-.4469	-.4035
241.120		.2273	.2535	-.4832	-.4203	-.4224
244.660	.2233	.2572	.2892		-.4399	-.4633
248.200	.2485	.2814	.3355		-.4649	-.4843
251.740	.2676	.2770	.3461			
255.280		.2482	.1716	-.3362	-.5153	
323.510				-.2841	-.4426	-.5879
327.050			-.0508	-.2896	-.4506	-.5975
330.990		.0166	-.0365	-.2731	-.4610	-.6073
334.130	.0872	.0261	-.0518	.0000	-.4858	-.6158
337.670	.0688	.0266	-.0533		-.5008	-.6231
341.210	.0976	.0273	-.0525	.0000		
344.750		.0504	-.0460	-.2806		

ARC11-716 1A14 O1+T12+S12N25+A110 ET ATTACH PTS.   (R81232)

ALPHAO(9) = 5.970   BETAO (9) = -1.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.3223	.3126	.2758	.1883								
186.380				.3210	.3126	.2505	.1246								
189.920			.3274	.3279	.3018	.1520	.0356								
193.460		.3100	.3323	.3702	.2725	-.0315	.0947								
197.000	.2910	.3110	.3384	.0000	.0000	-.0709	.1195								
200.540		.2764	.3231	.2718	-.1208	-.0302	-.1576								
204.080			.1294	.0490	-.1093	-.0717	-.0284								
207.620				.1266	-.0864	-.0696	-.0248								
222.840											.1647	.1685	.1742	.1735	
226.380										.1654	.1685	.1700	.1724	.1750	
229.920									.1587	.1677	.1754	.1713	.1732	.1750	
235.460								.1526	.1580	.1734	.1890	.1726	.0000	.1403	
237.000									.1605	.1718	.0000	.0000	.0728		
240.540										.1618	.1567	.1083	.0983		
244.080														.1815	
245.200															.2497
337.670															.1171

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4247	-.4974	-.3968
237.580			.2073	-.4716	-.4567	-.4004
241.120			.2668	-.4830	-.4309	-.4354
244.660	.2407	.2709	.2987		-.4569	-.4874
248.200	.2685	.2969	.3544		-.4822	-.5011
251.740	.2934	.3052	.3781			
255.280		.2871	.2014	-.3127	-.5402	-.5790
323.510			-.0488	-.2853	-.4341	-.5852
327.050			-.0289	-.2872	-.4411	-.5961
330.590		.0347	-.0419	-.2663	-.4481	-.6064
334.130	-.978	.0370	-.0374	.0000	-.4716	-.6118
337.670	.1029	.0378	-.0374		-.4874	
341.810	.1046	.0391	-.0298			
344.750		.0482		-.2639		

A501-716 1A14 01+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(I 9) =   5.980   BETA0 (6) =   .030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240
PHI							
182.840				.3114	.3022	.2610	.1819
186.380				.3148	.2926	.2315	.1210
189.920				.3223	.2769	.1361	.0526
193.460			.3256	.3494	.2251	-.0136	.1204
197.000	.2910	.3114	.3354	.0000	.0000	-.0524	.1340
200.540		.3261	.3532	.2924	-.1031	-.0622	.1448
204.080		.2882	.3416	.0772	-.1018	-.0663	-.0201
207.620			.1569	.1494	-.0751	-.0576	-.0185

X/LT	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI								
222.840				.2269	.2231	.2270	.2293	
226.380				.2413	.2277	.2301	.2327	
229.920				.2600	.2346	.2301	.2327	
233.460			.2290	.2678	.2375	.0000	.1655	
237.000	.2041	.2187	.2395	.0000	.0000	.0560		
240.540		.2195	.2438		.1281	.0977		
244.080		.2197	.2382	.2064			.1224	
248.200			.2210					.3600
337.670								.1250

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.3315	-.4485	-.5088	-.3831
237.580		.3590	.3915	-.4810	-.554	-.3963
241.120		.3693	.4208	-.4215	-.4237	-.4235
244.660	.3568	.4122	.4575		-.4309	-.4666
248.200	.3793	.4135	.4568		-.4562	-.4730
251.740	.3989	.3927	.2958			
255.280				-.2500	-.5455	-.5837
323.510				-.2835	-.4369	-.5837
327.050			-.0420	-.2865	-.4395	-.5899
330.590		.0402	-.0255	-.2622	-.4382	-.5977
334.130	.0998	.0438	-.0364	.0000	-.4584	-.6018
337.670	.1085	.0456	-.0352		-.4752	
341.210	.1078	.0458	-.0347			
344.750		.0489	-.0262	-.2527		

DATE 07 JAN 7?   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (R8:232)

ALPHA0(9) = 5.970   BETA0(7) = 2.030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3124	.2976	.2575	.1831								
186.380				.3185	.2968	.2327	.1499								
189.920				.3279	.2799	.1532	.0983								
193.460		.3384	.3351	.3545	.2071	.0165	.1497								
197.000	.3241	.3486	.3507	.0000	.0000	-.0290	.1658								
200.540		.3098	.3826	.3233	-.0900	-.0429	.1793								
204.080			.3701	.1018	-.0872	-.0505	-.0064								
207.620			.1791	.1727	-.0621	-.0439	.0005								
222.840											.2830	.2756	.2764	.8005	
226.380											.3048	.2833	.2782	.2810	
229.920									.2956		.3448	.2769	.2697	.2759	
233.460								.2897	.3300		.4020	.2513	.0000	.1721	
237.000								.2710	.3016	.3520					
240.540									.2979	.3420	.0000	.0000	.0545		
244.080										.3041	.2879	.1595	.1118	.1154	
248.200															
337.670														.4787	.1254

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.4849			-.4250	-.5264	-.3896
237.580			.4987	-.4309	-.4873	-.3860
241.120		.5006	.5442	-.3168	-.4436	-.4174
244.660		.5142	.5903		-.4387	-.4807
248.200	.5008	.5268	.5696		-.4425	-.4841
251.740	.5090	.5122	.5316			
255.280		.4957	.3852	-.2069	-.5442	-.5834
325.510				-.2798	-.4347	-.5829
327.050			-.0307	-.2842	-.4399	-.5898
330.590		.0442	-.0158	-.2611	-.4365	-.5976
354.130	.1062	.0458	-.0335	.0000	-.4556	-.6035
357.670	.1087	.0442	-.0339	.0000	-.4714	
341.210	.1046	.0430	-.0339			
344.750		.0464	-.0280	-.2533		

ARC11-716 IA14 34+T12+S12H25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(9) = 5.950   BETA(8) = 4.080

SECTION / IDET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3341	.3276	.2837	.2107								
186.380				.3409	.3176	.2554	.1620								
189.920			.3520	.3496	.3005	.1652	.1072								
193.460			.3643	.3910	.2463	.0117	.1615								
197.000	.3016		.3822	.0000	.0000	.0293	.1781								
200.540			.3653	.3256	.0570	.0417	.1875								
204.080		.3075	.2058	.1195	.0641	.0265	.0297								
207.620				.1883	.0278	.0104	.0132								
222.840											.3564	.3344	.3352	.3318	
226.380											.3895	.3462	.3308	.3316	
229.920											.4605	.3311	.3105	.3356	
233.460									.3791	.3845	.5205	.2816	.0000	.1863	
237.000								.3364	.3860	.4296	.0000	.0000	.0000		
240.540									.3722	.4596	.3536	.0000	.0422	.1186	
244.080										.4283		.1818	.1148		
248.200										.3768					
337.670															.5755
															.1196

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3510	-.5930	-.5536
237.580				-.3314	-.5806	-.5012
241.120				-.1955	-.5777	-.4896
244.660	.6013	.6423	.6657		-.5672	-.5642
248.200	.6003	.6444	.6836		-.5631	-.5735
251.740	.5972	.6259	.6795			
255.280		.6033	.6567	-.1917	-.6460	-.5884
323.5		.5774	.5999	-.2703	-.4369	-.5869
327.05			.4503	-.2872	-.4444	-.5970
330.59		.0484	-.0233	-.2638	-.4405	-.6060
334.130	.1049	.0487	-.0100	.0000	-.4594	-.6176
337.670	.1072	.0490	-.0290		-.4720	
341.210	.1093	.0454	-.0280	.0000		
344.750		.0490	-.0303	-.2548		
			-.0255			

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-T16 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

A-PHAG(9) = 5.940   BETAO(9) = 6.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.3340	.8390	.9180
PHI															
182.840				.3240	.3135	.2750	.1965								
186.380				.3270	.3041	.2421	.1509								
189.920			.3209	.3283	.2872	.1534	.1025								
193.460		.2862	.3199	.3807	.2398	.0334	.1611								
197.000	.2357	.2862	.3270	.0000	.0000	.0013	.1623								
200.540		.2760	.3186	.2791	-.0318	-.0030	.1873								
204.080			.2360	.1589	-.0326	.0046	.0484								
207.620				.1712	-.0181	.0130	.0361				.3991	.3671	.3613	.3662	
222.840									.4328		.4395	.3773	.3611	.3595	
226.380									.4844		.5125	.3633	.3444	.3747	
229.920								.4236	.5123		.5770	.3114	.0000	.2032	
233.460							.3771	.4295	.4757		.0000	.0000	.0518		
237.000								.4098	.4139		.3863	.1968	.1339	.1278	
240.540															
244.080															.6172
248.200															.0947
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2886	-.6543	-.5834
237.580		.7100	.7577	-.2670	-.5926	-.5598
241.120		.6977	.7588	-.1421	-.5988	-.5381
244.660	.6537	.6821	.7354	-.5895	-.5894	
248.200	.6521	.6531	.7044	-.5800	-.5842	
251.740	.6439	.6249	.6275			
255.280			.4951	-.1745	-.6566	-.5961
323.310				-.2885	-.4441	-.5909
327.050			-.0350	-.2960	-.4524	-.5909
330.590		.0317	-.0244	-.2773	-.4459	-.9971
334.130	.0439	.0312	-.0498	.0000	-.4627	-.6061
337.670	.0916	.0217	-.0517	.0000	-.4740	-.6203
341.210	.0787	.0174	-.0535			
344.750		.0158	-.0511	-.2732		

ARC11-716 IA14 C1+T1R+S12+2S5+AT10 ET ATTACH PTS.   (RB1232)

A..MACH 01) = 5.920   BETAC(10) = 8.130

SECTION (DET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.9180
182.840				.2893	.2847	.2576	.2000								
186.380				.2785	.2688	.2295	.1628								
189.920			.2575	.2718	.2519	.1647	.1283								
193.460		.2185	.2562	.2990	.2246	.0771	.1598								
197.000	.1912	.2388	.2526	.0000	.0000	.0453	.1672								
200.540		.1922	.2406	.2211	-.0072	.0645	.1780								
204.080			.1996	.1734	-.0015	.0517	.0619								
207.620				.1901	.0046	.0373	.0745								
222.840												.3950	.3924	.3949	
226.380										.4318	.4074	.3919	.3898	
229.920									.4753	.4767	.3938	.3736	.4027	
233.460								.4576	.5284	.5568	.3422	.0000	.2336	
237.000							.4069	.4604	.5513	.6132	.0000	.0629		
240.540								.4396	.5074	.0000	.2137	.1469	.1356	
244.080									.4404	.4143				
248.200															.6334
337.670															.0674

PHI

X/LT	.9210	.9270	.9320	.9380	.9350	.9480
234.040			.8117	.2662	-.6995	-.6007
237.580		.7527	.7932	-.2362	-.5133	-.5979
241.120	.8830	.7314	.7765	-.1079	-.6158	-.5798
244.660	.6732	.7078	.7382	-.5099	-.6108	
248.200	.6897	.6790	.6458	-.6011	-.6083	
251.740		.6511	.5244			
255.280				-.1872	-.6688	
323.510				-.3047	-.4637	-.6155
327.090		.0137	-.3474	-.3157	-.4765	-.6114
330.590		.0093	-.3591	-.3030	-.4675	-.6145
334.130	.0805	-.3687		.0000	-.4797	-.6220
337.670	.0362	-.0023	-.0751		-.4867	-.6578
341.210	.0528	-.0117	-.0752	.0000		
344.790		-.0141	-.0608	-.0984		

ARC11-716 1A14 CL+T12+S12H23+ATIO ET ATTACH PTS.   (RB1232)

ALPHA(DEG) = 3.980   BETA(DEG) = 10.150

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.6070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
182.840				.2224	.2272	.2093	.1713								
186.380				.2131	.2136	.1898	.1501								
189.920			.1930	.2116	.1998	.1429	.1273								
193.460		.1513	.1866	.2159	.1708	.0836	.1388								
197.000	.0914	.1457	.1751	.0000	.0093	.0935	.1429								
200.540		.1308	.1730	.1574	.0255	.0872	.1429								
204.080			.1439	.1625	.0150	.0399	.0753								
207.620				.1557	.0214	.0456	.0912								
222.840											.4669	.4316	.4286	.4245	
226.380											.5169	.4413	.4217	.4250	
229.920									.4913	.5090	.6029	.4316	.3929	.4376	
233.460									.4936	.5629	.6629	.3793	.0000	.2578	
237.000							.4357		.4724	.5910	.0000	.0000			
240.540										.5485			.0737		
244.080										.4695	.4362	.2274	.1527	.1393	
248.200															.6403
337.670															.0296

X/L	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.2414	-.7356	-.6260
237.580			.4488	-.2095	-.6235	-.6242
241.120		.7755	.8324	-.0800	-.6322	-6.28
244.660	.7040	.7681	.8131		-.6307	-.6317
248.200	.6904	.7319	.7614		-.6245	-.6226
251.740	.6784	.6914	.6557			
245.280		.6767	.5399	-.1935	-.6904	
325.510				-.3255	-.4869	-.6329
327.050		-.0167	-.0638	-.3367	-.5006	-.5516
330.590		-.0239	-.0620	-.3262	-.4965	-.6342
334.130	.0291	-.0391	-.0962	.0000	-.5040	-.6440
337.670	.0203		-.1081		-.5148	-.6590
341.210	.0064	-.0531	-.1164	.0000		
344.750		-.0587	-.1213	-.3390		

ARC11-716 1A14 :64+712+512N25+AT10 ET ATTACH FTS.   (RG1232)

ALPHA(111) = 0.000   BETA(11) = -9.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
PHI
182.840				.4343	.4422	.4033	.5046								
186.380				.4662	.4739	.4134	.2132								
189.920			.4765	.5168	.5010	.2951	-.0787								
193.480		.4338	.5095	.5656	.4968	-.2685	-.2585								
197.040	.3549	.4536	.5251	.0000	.0000	-.4668	-.1169								
200.540		.3975	.4570	.4595	-.4498	-.0110	.0495								
214.080			.0449	-.0163	-.4531	-.3961	-.2659								
207.620				.0358	-.3923	-.3898	-.2787								
222.840											.1249	.1447	.1572	.1883	
226.380											.1624	.1565	.1587	.1690	
229.920										.1617	.1777	.1611	.1613	.1691	
233.480									.1569	.1681	.1897	.1667	.0000	.1234	
237.000								.1469	.1553	.1735	.0000	.0000	.0479		
240.540									.1515	.1674	.1444	.0945	.0783	.1128	
240.210															.2080
337.670															.0318

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.4542	-.5054	-.4364
237.580			.2592	-.4824	-.4694	-.4214
241.120	.2110	.2351	.2748	-.4378	-.4373	-.4276
244.660	.2113	.2398	.2718		-.4580	-.4615
248.200	.2115	.2460	.2836		-.4759	-.4925
251.740		.2146	.2879			
255.280		.1251	.0205	-.4262	-.4256	-.6012
323.510				-.3017	-.4540	-.6906
327.030			-.0739	-.3193	-.4814	-.6449
330.590	.0400	-.0122	-.0723	-.3107	-.5969	-.6449
334.130	.0287	-.0215	-.0957	.0000	-.5907	-.6526
337.670	.0212	-.0330	-.1025	.0000	-.5562	-.6635
341.210		-.0368	-.1138	.0000		
344.?		-.0448	-.1097	-.3584		

ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(10) =   8.110   BETAO (2) = -7.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4167	.4218	.3834	.2797								
186.380				.4371	.4417	.3770	.1861								
189.920			.4351	.4655	.4546	.2537	-.1030								
193.460			.4588	.5102	.4083	-.2664	-.1670								
197.000	.3438	.3969	.4657	.0000	.0000	-.3337	-.0387								
200.540		.4141	.4436	.3914	-.3425	-.2606	.0471								
204.080		.3586		-.0010	-.3490	-.2869	-.1770								
207.620			.0712	.0831	-.3046	-.2819	-.2334								
222.840											.1614	.1540	.1655	.1703	
226.380											.1691	.1590	.1642	.1706	
229.920										.1627	.1795	.1693	.1675	.1698	
233.460										.1696	.1958	.1736	.0000	.1349	
237.000								.1474	.1594	.1739	.0000	.0000	.0610		
240.540									.1574	.1711		.0000	.0903		
244.080									.1540	.1579	.1464	.1033			
248.200														.1181	.2257
337.670															.0790

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4444	-.4846	-.4129
237.580				-.4818	-.4459	-.4088
241.120		.2419	.2457	-.4559	-.4156	-.4152
244.660	.2249	.2503	.2811		-.4305	-.4480
248.200	.2333	.2587	.2911		-.4615	-.4790
251.740	.2364	.2352	.3046			
255.280		.1494	.3255	-.3936	-.4583	
323.510			.0569	-.2823	-.4409	-.5911
327.050			-.0487	-.2971	-.4627	-.6167
330.590		.0182	-.0428	-.2837	-.4834	-.6288
334.130	.0722	.0108	-.0660	.0000	-.5962	-.6334
337.670	.0656	.0051	-.0733		-.5137	-.6444
341.210	.0595	-.0005	-.0777	.0000		
344.750		-.0026	-.0728	-.3265		

ALPHAQ(10) = 9.130   BETAQ(3) = -5.940   (RB1232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

ARC11-716 1A14 Q1+T12+S12N25+A110 ET ATTACH PTS.

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3621	.3526	.3033	.2056								
186.380				.3722	.3600	.2854	.1157								
189.920			.3782	.3865	.3473	.1646	-.0687								
193.460		.3527	.3948	.4222	.3010	-.1411	-.0045								
197.000	.3221	.3662	.4088	.0000	.0000	-.1939	.0467								
200.540		.3371	.4039	.3480	-.1987	-.1798	.0677								
204.080			.1541	.0718	-.2055	-.1589	-.0795								
207.620				.1508	.1788	-.1494	-.1307								
222.840												.1639	.1722	.1791	
226.380											.1705	.1728	.1734	.1788	
229.920											.1766	.1751	.1768	.1804	
233.460									.1638	.1707	.1896	.1787	.0000	.1398	
237.000								.1546	.1666	.1786	.2113	.0000	.0624		
240.540									.1648	.1855	.1809	.0000	.0940	.1235	
244.080										.1684	.1575	.1076			
248.200															.2406
337.670															.1107

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4507	-.4934	-.4189
237.580			.2544	-.4857	-.4482	-.4106
241.120		.2514	.2908	-.4664	-.4195	-.4219
244.660	.2363	.2657	.2962	-.4418	-.4602	
248.200	.2455	.2739	.3338		.4731	-.4901
251.740	.2521	.2485	.3463			
255.280		.1486	.0604	-.3837	-.4844	
323.510			-.0250	-.2685	-.4302	-.5802
327.050			-.0188	-.2777	-.4466	-.6025
330.390		.0418	-.0384	-.2625	-.4636	-.6131
334.130	.1031	.0374	-.0442	.0000	-.4880	-.6169
337.670	.1000	.0349	-.0480	.0000	-.4972	-.6274
341.210	.0908	.0324	-.0411	-.2882		
344.750	.0915					

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ARC11-716 1A14 O1+T12+S12N25+AT10 ET ATTACH PTS. (RB1232)

ALPHAO(1G) = 7.980 BETAO (4) = -3.970

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI														
182.840				.3150	.2962	.2605	.1749								
186.380				.3303	.3053	.2485	.1141								
189.920				.3290	.3018	.1552	.0186								
193.460			.3438	.3834	.2729	-.0376	.0892								
197.000	.3051	.3331	.3538	.3757	.0000	-.0714	.1063								
200.540		.3454	.3507	.2890	-.1188	-.0576	.1517								
204.080		.3018	.1667	.0778	-.1065	-.0671	-.0082								
207.620				.1471	-.0842	-.0681	-.0255				.1612	.1569	.1628	.1704	
222.840											.1643	.1617	.1623	.1699	
226.380											.1760	.1637	.1643	.1702	
229.920										.1648	.1971	.1622	.0000	.1324	
233.460								.1518	.1579	.1711					
237.000									.1602	.1757	.0000	.0000	.0688		
240.540									.1617	.1742	.1584	.1099	.0948	.1173	
244.080										.1617					.2210
248.200															.1365
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI							
234.040			.2246	-.4211	-.4797	-.3973
237.580		.2295	.2647	-.4633	-.4322	-.3976
241.120		.2468	.2647	-.4684	-.4096	-.4117
244.660	.2220		.2768		-.4324	-.4554
248.200	.2517	.2586	.3172		-.4633	-.4765
251.740	.2361	.2347	.3295			
255.280		.1398	.0565	-.3880	-.4410	-.5656
323.510			-.0092	-.2488	-.4114	-.5857
327.050		.0664	.0038	-.2601	-.4258	-.5965
330.990		.0630	-.0160	-.2416	-.4389	.6021
334.130	.1293	.0591	-.0154	.0030	-.4628	-.6096
337.670	.1262	.0553	-.0192	.0000	-.4762	
341.210	.1177	.0560	-.0154	-.2586		
344.750						

ARC11 716 IA14 Q1+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(ID) = 8.010   BETAO (5) = -1.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3083	.2944	.2515	.1700								
186.380				.3112	.2890	.2313	.1095								
189.920			.3124	.3120	.2826	.1337	.0286								
193.460		.2940	.3170	.3495	.2402	-.0474	.0822								
197.000	.2843	.3029	.3308	.0000	.0000	-.0930	.1055								
200.540		.2812	.3228	.2775	-.1340	-.0656	.1262								
204.080			.1441	.0559	-.1269	-.0822	-.0405								
207.620				.1284	-.1073	-.0837	-.0387								
222.840											.1714	.1750	.1773	.1784	
226.380											.1755	.1755	.1776	.1804	
229.920									.1611	.1660	.1791	.1776	.1777	.1819	
233.460									.1662	.1710	.1926	.1776	.0000	.1526	
237.000								.1559	.1654	.1764		.0000	.0823		
240.540										.1761	.1653	.1180	.1056	.1338	
244.080										.1710					
248.200															.2399
337.670															.1299

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4153	-.4964	-.3889
237.580			.2128	-.4650	-.4532	-.3956
241.120		.2373	.2654	-.4750	-.4323	-.4234
244.660	.2276	.2625	.2952		-.4583	-.4846
248.200	.2507	.2856	.3337		-.4869	-.4954
251.740	.2728	.2810	.3360			
255.280		.2594	.1676	-.3466	-.5060	-.5859
323.510			-.0261	-.2755	-.4376	-.5962
327.050		.0509	-.0082	-.2784	-.4425	-.6029
330.590	.1179	.0532	-.0232	-.2570	-.4482	-.6140
334.130	.1212	.0565	-.0203	.0000	-.4714	-.6186
337.670	.1189	.0573	-.0216	.0000	-.4853	
341.210		.0598	-.0118			
344.750				-.2557		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT1O ET ATTACH PTS.

ALPHAO(10) = 7.930   BETAO (6) = .060   (R81232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.3082	.2940	.2439	.1698								
186.380				.3088	.2876	.2141	.1079								
189.920				.3065	.2665	.1243	.0465								
193.460		.3161	.3110	.3432	.2237	.0213	.1104								
197.000	.2761	.3039	.3273	.0000	.0000	-.0645	.1269								
200.540		.2728	.3202	.2685	-.1103	-.0636	.1458								
204.080			.1600	.0789	-.1040	-.0684	-.0206								
207.620				.1408	-.0826	-.0651	-.0254								
222.840												.2266	.2312	.2333	
226.380												.2362	.2373	.2333	
229.920												.2355	.2361	.2374	
233.460										.2306	.2309	.2362	.0000	.1779	
237.000								.2123	.2225	.2428	.2413				
240.540									.2270	.2523	.2612	.0000	.0775		
244.080									.2268	.2497	.2781	.1457	.1176	.1472	
248.200										.2319	.2184				
337.670														.3492	.1332

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4362	-.4857	-.3777
237.580		.3549	.3376	-.4665	-.4500	-.3836
241.120		.3879	.3870	-.4077	-.4148	-.4140
244.680	.3492	.3879	.4136		-.4366	-.4654
248.200	.3686	.3999	.4506		-.4590	-.4723
251.740	.3842	.3915	.4350			
255.280		.3772	.2716	-.2757	-.5112	-.5809
323.510				-.2767	-.4299	-.5837
327.050		.0467	-.0320	-.2776	-.4330	-.5909
330.590		.0567	-.0124	-.2550	-.4351	-.5909
334.130	.1194	.0592	-.0240	.0000	-.4574	-.6097
337.670	.1217	.0628	-.0184	.0000	-.4736	-.6053
341.210	.1269	.0661	-.0166			
344.750			-.0066	-.2458		

ALPHAO(10) = 7.970   BETAO (7) = 2.050

ARC11-716 1A14 CM+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3070	.3043	.2599	.1798								
186.380				.3185	.2947	.2363	.1423								
189.920			.3224	.3213	.2729	.1420	.0888								
193.460		.3158	.3351	.3454	.2169	.0009	.1391								
197.000	.2877	.3217	.3468	.0000	.0000	-.0569	.1592								
200.540		.2758	.3273	.2866	-.1092	-.0280	.1831								
204.080			.1492	.0720	-.1019	-.0613	-.0220								
207.620				.1359	-.0797	-.0613	-.0073								
222.840												.2865	.2908	.2878	
226.380											.2926	.2964	.2908	.2873	
229.920										.3032	.3124	.2888	.2865	.2869	
233.460									.3024	.3364	.3490	.2609	.0000	.1952	
237.000								.2803	.3070	.3534	.3947	.0000	.0816		
240.540									.3049	.3438		.1752	.1313	.1444	
244.080										.3085	.2914				.4650
248.200															.1320
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4231	-.5291	-.4049
237.580		.4938	.4848	-.4310	-.4984	-.3995
241.120		.5128	.5316	-.3168	-.4540	-.4292
244.660	.4788	.5154	.5433		-.4532	-.4814
248.200	.4851	.4989	.5506		-.4667	-.4870
251.740	.5015	.4897	.5219			
255.280			.3696	-.2241	-.5391	
323.510				-.2744	-.4317	-.5839
327.050			-.0887	-.2780	-.4366	-.5862
330.590		.0522	-.0008	-.2568	-.4335	-.5910
334.130	.1134	.0525	-.0263	.0000	-.4509	-.5974
337.670	.1156	.0527	-.0242			
341.210	.1178	.0555	-.0236	.0000		
344.750		.0617	-.0142	-.2455	-.4665	-.6010

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ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.　　(RB1232)

ALPHAO(10) = 7.950　BETAO (8) = 4.080

SECTION (1)ET ATTACH POINTS　　　　DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3004	.2928	.2546	.1890								
186.580				.3050	.2?2	.2294	.1501								
189.920			.3100	.3070	.2557	.1466	.0931								
193.460		.2908	.3164	.3364	.2176	.0047	.1350								
197.000	.2611	.2908	.3184	.0000	.0000	-.0478	.1546								
200.540		.2604	.3060	.2629	-.0942	-.0163	.1754								
204.080			.1585	.0794	-.0875	-.0475	-.0053								
207.620				.1331	-.0707	-.0463	-.0026								
222.840											.3603	.3431	.3440	.3430	
226.380										.3841	.3932	.3530	.3424	.3407	
229.920									.3722	.4249	.4459	.3428	.3254	.3465	
233.460									.3786	.4454	.4951	.3152	.0000	.2123	
237.000								.3340	.3603	.4090	.0000	.0000	.0651	.1465	
240.540											.3623	.3416	.1899	.1315	.5440
244.080															.1325

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3588	-.5932	-.5415
237.580			.6463	-.3429	-.5738	-.4855
241.120		.6154	.6624	-.2124	-.5705	-.4819
244.660	.5751	.6149	.6534		-.5588	-.5581
248.200	.5764	.6006	.6279		-.5493	-.5617
251.740	.5789	.5721				
255.280	.5726	.5636	.4353	-.2063	-.6261	
323.510				-.2719	-.4336	-.5888
327.050			-.0162	-.2773	-.4390	-.5886
330.590		.0590	-.0008	-.2533	-.4318	-.5924
334.130	.1159	.0595	-.0191	.0000	-.4484	-.5978
337.670	.1179	.0562	-.0188		-.4594	-.6070
341.210	.1146	.0536	-.0199	.0000		
344.750		.0544	-.0150	-.2431		

ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAQ(10) = 7.920   BETAQ(9) = 6.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.2805	.2734	.2350	.1587								
186.380				.2782	.2623	.2060	.1117								
189.920			.2626	.2790	.2413	.1172	.0621								
193.460		.2228	.2626	.3063	.2138	-.0035	.1084								
197.000	.1745	.2246	.2641	.0000	.0000	-.0423	.1218								
200.540		.2117	.2590	.2327	-.0578	-.0115	.1421								
204.080			.1973	.1287	-.0578	-.0265	.0194								
207.620				.1472	-.0533	-.0165	.0144								
222.840												.3561	.3605	.3600	
226.380											.3809	.3690	.3589	.3587	
229.920											.4296	.3690	.3462	.3673	
233.460										.4087	.4811	.3525	.0000	.2383	
237.000									.3813	.4462	.4915	.0000			
240.540								.3399	.3688	.4439	.0000	.0000	.0681		
244.080									.3569	.4112	.3307	.1893	.1292	.1489	
248.200															.4094
337.670															.1364

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3360	-.6205	-.5495
237.580				-.3224	-.5842	-.5293
241.120		.6195	.6559	-.2036	-.5783	-.5072
244.660	.5418	.6215	.6584		-.5706	-.5710
248.200	.5270	.5931	.6381		-.5574	-.5738
251.740	.5134	.5576	.5780			
255.280		.4987	.4864			
323.510			.3907	-.2501	-.6130	-.5989
327.050				-.2651	-.4368	-.5961
330.590			.0132	-.2737	-.4445	-.5987
334.130	.1292	.0745	.0228	-.2505	-.4348	-.6043
337.670	.1302	.0766	-.0039	.0000	-.4504	-.6173
341.210	.1240	.0636	-.0113	.0000	-.4594	
344.750		.0604	-.0175	-.2431		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CX+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAQ(10) = 7.910   BETAO(10) = 8.160

SECTION ( )ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3010	.3070	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6160
PHI															
182.840				.2407	.2341	.2043	.1566								
186.380				.2260	.2104	.1756	.1152								
189.920			.1942	.2184	.1977	.1114	.0776								
193.480		.1573	.1932	.2361	.1789	.0230	.0924								
197.000	.0955	.1550	.1909	.0000	.0000	-.0198	.1115								
200.540		.1454	.1881	.169?	-.0595	-.0342	.1172								
204.080			.1530	.1290	-.0437	-.0138	.0142								
207.620				.139?	-.0452	-.0086	.0303								
222.840												.3905	.3948	.3997	
226.380												.4094	.3960	.3997	
229.920										.4405	.4210	.4129	.3797	.4004	
233.460										.4798	.4663	.4048	.0000	.2850	
237.000								.3670	.4200	.4889	.5441				
240.540									.4053	.4332	.5425	.0000	.0563		
244.080									.3881		.0000	.1911	.1209	.1280	
248.200										.3757	.3431				
337.670														.5196	.1094

X/LT	.9210	.9270	.9320	.9390	.9430	.9480
PHI						
234.040				-.3125	-.6559	-.5805
237.590			.6749	-.3041	-.5994	-.5577
241.120			.7157	-.1682	-.5915	-.5359
244.660	.5655	.6405	.6742		-.5806	-.5850
248.200	.5563	.6291	.6203		-.5757	-.5771
251.740	.5423	.5931	.5091			
255.280		.5444	.4099	-.2802	-.6243	-.6070
323.510		.5259		-.2665	-.4427	-.6049
327.050			.0058	-.2779	-.4563	-.6005
330.590		.0670	.0183	-.2629	-.4491	-.6005
334.130	.1150	.0597	-.0180	.0000	-.4619	-.6136
337.670	.1053	.0440	-.0244	.0030	-.4683	-.6284
341.210	.1023	.0440	-.0315			
344.750		.0408	-.0330	-.2593		

ARC11-716 1A14 C1+T12+S12N25+A11O ET ATTACH PTS.   (RB1232)

ALPHAO(1D) =   8.060   BETAO (11) =   10.180

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.040				.1780	.1816	.1633	.1247								
186.380				.1669	.1674	.1430	.1006								
189.920			.1465	.1679	.1525	.0882	.0692								
193.460			.1470	.1785	.1251	.0133	.0780								
197.000	.0465	.1104	.1389	.0000	.0000	-.0175	.0815								
200.540		.1098	.1396	.1192	-.0529	-.0240	.0810								
204.080		.0970	.1078	.1265	-.0522	-.0271	.0057								
207.620				.0844	-.0469	-.0186	.0226								
222.840												.4294	.4314	.4301	
226.380										.4606	.4471	.4312	.4281	
229.920										.5153	.4552	.4138	.4394	
233.460									.4524	.4874	.5333	.4613	.0000	.2912	
237.000								.3961	.4334	.5300	.5942				
240.540									.4138	.4841	.5828	.0000	.0529		
244.080										.4042	.3612	.1882	.1025	.1176	
248.200															.5391
337.670															.0721

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2915	-.7090	-.5951
237.580				-.2849	-.6154	-.5859
241.120				-.1435	-.6126	-.5627
244.680	.5790	.6609	.7265		-.6052	-.6166
248.200	.5680	.6564	.7354		-.5976	-.6021
251.740	.5403	.6171	.6931			
255.280		.5709	.6292			
323.510		.5433	.5357	-.2693	-.6552	
327.050			.4151	-.2887	-.4630	-.6199
330.590			-.0112	-.2991	-.4801	-.6295
334.130	.0783	.0408	-.0148	-.2917	-.4719	-.6225
337.670	.0726	.0294	-.0391	.0000	-.4832	-.6291
341.210	.0573	.0063	-.0633		-.4970	-.6514
344.750		-.0036	-.0713	.0000		
		-.0115	-.0820	-.2945		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

AR-11-716 1A14 2A+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAG(11) = 10.040   BETAO (1) = -9.930

SECTION ( )JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4045	.4137	.3776	.2817								
186.380				.4327	.4387	.3801	.1944								
189.920			.4254	.4715	.4579	.2683	-.0864								
193.460		.3884	.4582	.5129	.4423	.2730	-.2543								
197.000	.3060	.3972	.4809	.0000	.0000	-.4316	-.0961								
200.540		.3538	.4466	.4997	.4289	-.2807	.0247								
204.080			.0405	-.0082	-.4416	-.3789	-.2645								
207.620				.0401	-.3961	-.3754	-.2772								
222.840										.1524	.1490	.1399	.1407	.1592	
226.380									.1438	.1643	.1548	.1467	.1410	.1567	
229.920									.1441	.1673	.1652	.1485	.1506	.1550	
233.460								.1385	.1451	.1663	.1924	.1497	.0000	.1135	
237.000										.1511	.0000	.0000	.0270		
240.540											.1389	.0731	.0668	.1013	
244.080															.1971
248.200															.0478
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.2055	.2277		-.4426	-.5128	-.4289
237.580	.2154	.2376	.2420	-.4817	-.4755	-.4143
241.120	.2083	.2482	.2732	-.4664	-.4523	-.4342
244.660		.2120	.2742		-.4890	-.4920
248.200		.0794	.3033	-.3929	-.5199	-.5026
251.740			.3253	-.2893	-.3942	
255.280		-.0102		-.3089	-.4505	-.5998
323.510		-.0624		-.3905	-.4795	-.6278
327.050	.0476	-.0617		.0000	-.5024	-.6411
330.590	.0400	-.0855		.0000	-.5266	-.6495
334.130	.0290	-.0932		.0000	-.5329	-.6609
337.670		-.1026		-.3444		
341.210		-.0239				
344.750		-.0320	-.0975			

ARC11-716 1A14 CA+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(11) = 5.950   BETAO(2) = -7.950

SECTION 1 JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.9180
PHI														
162.640				.3680	.3911	.3484	.2634							
186.380				.3984	.3969	.3421	.1658							
189.920			.3680	.4153	.4032	.2218	-.1075							
193.480		.3556	.4069	.4453	.3479	.2501	-.1722							
197.000	.5037	.3692	.4220	.0000	.0000	-.3070	-.0373							
200.540		.3178	.4026	.3516	-.3219	-.2576	.0210							
204.080			.0749	-.0947	-.3231	-.2688	-.1772							
207.620				.0824	-.2963	-.2663	-.2267							
222.840									.1594	.1640	.1669	.1560	.1639	.1659
226.380									.1577	.1657	.1689	.1611	.1667	.1059
229.920									.1552	.1693	.1752	.1679	.1697	.1701
233.480										.1554	.1709	.0000	.0000	.1348
237.000								.1448			.1863	.0000	.0701	
240.540											.1485	.1034	.0940	.1227
244.080														.2040
248.200														.0765
337.670														

X/L	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040		.2225	.2289	-.4454	-.4830	-.4172
237.580		.2364	.2373	-.4804	-.4484	-.4109
241.120		.2422	.2684	-.4806	-.4266	-.4251
244.660	.2067	.2126	.2920		-.4449	-.4645
248.200	.2142	.1091	.3178		-.4830	-.4919
251.740	.2130		.0064	-.4044	-.4073	
255.280				-.2796	-.4429	-.5971
323.510			-.0444	-.2921	-.4627	-.6215
327.050		.0189	-.0398	-.2807	-.4838	-.6311
330.590		.0126	-.0628	.0000	-.5064	-.6344
335.130	.0742	.0065	-.0677	.0000	-.5135	-.6456
337.670	.0672	.0020	-.0732	-.3191		
341.210	.0589	.0026	-.0641			
344.750						

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHA(1)(1) = 9.980 BETA (3) = -5.920

SECTION 1 (JET ATTACH POINTS)   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.3335	.3262	.2810	.1849								
186.380				.3368	.3318	.2595	.1017								
189.920			.3429	.3514	.3194	.1369	-.0795								
193.460		.3262	.3550	.3893	.2715	-.1509	-.0116								
197.000	.2985	.3429	.3822	.0000	.0000	-.1969	.0341								
200.540		.3073	.3686	.3128	-.2252	-.1867	.0612								
204.080			.1294	.0396	-.2153	-.1750	-.1019								
207.620				.1160	-.1969	-.1670	-.1370								
222.840											.1722	.1679	.1736	.1007	
226.380											.1770	.1760	.1761	.1764	
229.920										.1732	.1858	.1835	.1779	.1786	
233.460									.1649	.1770	.1843	.1043	.0000	.1428	
237.000								.1593	.1631	.1790	.1949	.0000	.0000		
240.540									.1636	.1734	.0000	.0000	.0790		
244.080										.1633	.1588	.1169	.1039	.1506	
248.200															.2188
337.670															.1133

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4401	-.4800	-.4043
237.580			.2339	-.4775	-.4388	-.4022
241.120			.2673	-.4568	-.4114	-.4170
244.660	.2105	.2392	.2769		-.4350	-.4582
248.200	.2272	.2486	.3088		-.4729	-.4865
251.740	.2277	.2612	.3482			
255.890		.2354	.0333	-.3836	-.4193	
323.510		.1325		-.2647	-.4325	-.5695
327.050			-.0176	-.2741	-.4470	-.6093
330.590	.1080	.0505	-.0082	-.2575	-.4628	-.6185
334.130	.1042	.0493	-.0291	.0000	-.4449	-.6205
337.670	.1024	.0427	-.0333	.0000	-.4941	-.6699
341.810		.0301	-.0399	.0000		
344.750		.0399	-.0323	-.2855		

TABULATED PRESSURE DATA — DATA ...

AECII-736 DATA 2+T12+S12N25+A11O ET ATTACH PTS.

(RB1232)

ALPHA(DEG) = 9.970   BETA(DEG) = -3.970

DEPENDENT VARIABLE CP

SECTION (IDE) ATTACH POINTS

X/L	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.060				.2829	.2633	.2101	.1343								
186.580				.2900	.2618	.2021	.0865								
188.920			.3010	.3042	.2552	.1158	.0131								
193.480			.3121	.3319	.2113	-.0477	.0715								
197.020	.2846		.3334	.0000	.0000	-.0640	.0850								
200.560		.2765	.3197	.2724	-.1342	-.0867	.1138								
204.080			.1574	.0753	-.1315	-.0859	-.0355								
207.620				.1273	-.1145	-.0817	-.0492								
222.840												.1674	.1684	.1728	
226.380												.1722	.1740	.1730	
229.920												.1747	.1743	.1734	
233.460									.1698	.1725	.1712	.1786	.0000	.1382	
237.000									.1718	.1796	.1788				
240.540								.1501	.1657	.1852	.1896	.0000	.0673	.1199	
244.080										.1773	.2047	.0000	.0961		
248.200										.1652	.0000	.1113			
337.670											.1593				.8163 / .1501

X/L	.9210	.9270	.9320	.9360	.9430	.9480
234.060				-.4208	-.4708	-.4005
237.900			.2314	-.4501	-.4353	-.3977
241.120	.8150	.2295	.2807	-.4859	-.4168	-.4204
244.660	.8228	.2411	.2650		-.4473	-.4670
248.230	.8233	.2477	.3162		-.4755	-.4882
251.740		.2158	.3508	-.3730	-.4339	
255.280		.0699	.0259	-.2453	-.4158	-.5735
323.510				-.2518	-.4276	-.5913
327.050			.0107	-.2325	-.4395	-.6002
330.590		.0788	.0224	.0000	-.4619	-.6040
334.130	.1307	.0799	.0049		-.4749	-.6109
337.670	.1597	.0761	.0019			
341.210	.1396	.0730	-.0906	.0000		
344.750		.0760	.0037	-.9472		

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ALPHAQ(11) = 9.950 BETAQ(5) = -1.970

ARC11-716 IA14 2X+T12+S12N25+AT10 ET ATTACH PTS. (RB1232)

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.840				.2930	.2803	.2277	.1517								
186.380				.3021	.2747	.2040	.1015								
189.920			.3011	.2978	.2627	.1174	.0326								
193.460		.2908	.3109	.3338	.2177	-.0370	.0758								
197.000	.2820	.3109	.3272	.0000	.0000	-.0839	.1000								
200.540		.2770	.3229	.2762	-.1239	-.0664	-.1147								
204.080			.1652	.0811	-.1152	-.0781	-.0351								
207.620				.1391	-.0993	-.0758	-.0334								
222.840											.1693	.1720	.1708	.1756	
226.380										.1688	.1736	.1728	.1705	.1794	
229.920									.1657	.1725	.1806	.1741	.1723	.1761	
233.460									.1645	.1773	.1937	.1730	.0000	.1413	
237.000								.1582	.1622	.1733	.0000	.0990	.0762		
240.540										.1640	.1562	.1166	.1080	.1251	
244.080															.2001
248.200															.1811
307.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2005	-.4188	-.4816	-.3903
237.580			.2354	-.4647	-.4359	-.3969
241.120		.2017	.2430	-.4918	-.4222	-.4261
244.660	.1971	.2184	.2966		-.4565	-.4703
248.200	.2044	.2237	.3219		-.4910	-.4880
251.740	.2016	.1969	.0179			
255.280		.0925		-.3830	-.4253	-.5617
323.510				-.2271	-.3999	
327.050			.0323	-.2361	-.4086	-.5747
330.590		.1059	.0457	-.2141	-.4162	-.5833
334.130	.1668	.1067	.0280	.0000	-.4383	-.5889
337.670	.1685	.1047	.0292		-.4530	-.5933
341.210	.1689	.1039	.0292	.0000		
344.750		.1036	.0313	-.2176		

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.　　　　　(RB1232)

ALPHAO(11) = 9.950　　BETAO (6) = .030

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.3280	.8340	.8390	.9160
PHI															
182.840				.3025	.2801	.2339	.1503								
186.380				.2944	.2683	.2031	.0995								
189.920			.2980	.2964	.2550	.1184	.0459								
193.460		.2975	.3140	.3293	.2235	-.0158	.1055								
197.000	.2804	.2990	.3281	.0000	.0000	-.0676	.1227								
200.540		.2754	.3200	.2718	-.1003	-.0609	.1384								
204.080			.1750	.0875	-.0971	-.0600	-.0121								
207.620				.1412	-.0770	-.0518	-.0234								
222.840												.2078	.2135	.2173	
226.380											.2091	.2119	.2127	.2188	
229.920										.2100	.2172	.2144	.2135	.2169	
233.460										.2188	.2318	.2136	.0000	.1692	
237.000								.1921	.2029	.2268	.2436				
240.540									.2029	.2175	.0000	.0000	.0912		
244.080									.2001	.2037	.1914	.1428	.1210	.1371	
249.290															.2348
337.670															.1985

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4301	-.4815	-.3862
237.380			.2753	-.4636	-.4551	-.3856
241.120		.2660	.3026	-.4332	-.4254	-.4166
244.660	.2523	.2784	.3056		-.4523	-.4649
248.200	.2619	.2796	.3370		-.4678	-.4737
251.740	.2627	.2538	.3360			
255.280		.1823	.0932	-.3702	-.4697	
323.510				-.2170	-.3895	-.5545
327.050			.0459	-.2250	-.3996	-.5651
330.590			.0611	-.2024	-.4034	-.5725
334.130	.1833	.1242	.0426	.0000	-.4237	-.5811
337.670	.1841	.1244	.0444		-.4402	-.5845
341.210	.1848	.1239	.0429	.0000		
344.750		.1207	.0457	-.2026		

ALPHAO(11) = 9.950   BETAO (7) = 2.060

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1252)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2911	.2787	.2280	.1612								.3750
186.360				.2879	.2707	.2070	.1276								.1942
189.920			.2968	.2919	.2504	.1264	.0769								
193.460		.2803	.3019	.3234	.2033	.0051	.1213								
197.000	.2603	.2851	.3074	.0000	.0000	-.0434	.1493								
200.540		.2618	.2953	.2482	-.0848	-.0161	.1607								
204.080			.1777	.0998	-.0751	-.0421	.0020								
207.620				.1409	-.0607	-.0349	.0006								
222.840												.2678	.2627	.2627	
225.380											.2754	.2759	.2703	.2670	
229.920										.2912	.3011	.2734	.2643	.2714	
233.460									.2839	.3259	.3532	.2592	.0000	.1794	
237.000									.2856	.3400	.3798				
240.540								.2542	.2746	.3143	.0000	.0000	.0423		
244.080										.2748	.2656	.1477	.0988	.1191	
248.200															
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4191	-.4582	-.3977
237.980			.4510	-.4168	-.4595	-.3840
241.120		.4255	.4793	-.3132	-.4435	-.4098
244.660	.3985	.4336	.4649	.	-.4435	-.1738
248.200	.4003	.4235	.4535		-.4499	-.4736
251.740	.3474	.3866	.4025			
255.280		.3381	.2321	-.3094	-.4863	-.4736
323.510				-.2229	-.3946	-.5551
327.050			.0493	-.2282	-.4027	-.5614
330.590		.1181	.0614	-.2054	-.4012	-.5688
334.130	.1844	.1206	.6397	.0000	-.4230	-.5787
337.670	.1826	.1140	.0399	.0000	-.4380	.5843
341.210	.1792	.1118	.0379			
344.750		.1175	.0429	.2013		

ARC11-716 IA14 Q4+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAQ(11) =   9.960   BETAQ (8) =   4.080

DEPENDENT VARIABLE CF

SECTION (1)ET ATTACH POINTS

X/LT PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.9180	.8230	.8280	.8340	.8390	.9160
182.840				.2934	.2758	.2366	.1633								
186.380				.2909	.2617	.2041	.1133								
189.920			.2937	.2899	.2466	.1159	.0526								
193.460		.2662	.2980	.3275	.2129	-.0403	.0961								
197.000	.2287	.2637	.3012	.0000	.0000	-.0985	.1108								
200.540		.2332	.2859	.2519	-.1208	-.0602	.1398								
204.080			.1332	.0553	-.1146	-.0763	-.0264								
207.620				.1155	-.0870	-.0721	-.0283								
222.840												.3340	.3393	.3436	
226.380											.3554	.3489	.3426	.3416	
229.920										.3786	.3888	.3443	.3264	.3454	
233.460									.3592	.4195	.4500	.3302	.0000	.2202	
237.000								.3225	.3640	.4274	.4773				
240.540									.3473	.3981	.0000	.0000	.0467		
244.080										.3417/.3198	.3198	.1736	.1141	.1203	
248.200															.5112
337.670															.1525

X/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3623	-.6150	-.5410
237.580				-.3559	-.5824	-.4862
241.120		.5868	.6109	-.2289	-.5730	-.4860
244.660	.5351	.5898	.6390		-.5590	-.5593
248.200	.5338	.5683	.6213		-.5544	-.5639
251.740	.5348	.5419	.5961			
255.280		.5226	.5330	-.2335	-.6149	-.5889
323.510			.3990	-.2605	-.4271	-.5864
327.090			-.0024	-.2700	-.4325	-.5899
330.590		.0741	.0103	-.2450	-.4248	-.5950
334.130	.1322	.0748	-.0072	.0000	-.4409	-.6019
337.670	.1343	.0759	-.0043		-.4541	
341.210	.1370	.0754	-.0033	.0000		
344.750		.0755	.0038	-.2328		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(11) = 10.040   BETAO(9) = 6.140

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.3120	.8180	.8230	.8260	.8340	.8390	.9160
PHI
182.840				.2594	.2425	.2003	.1182								
186.380				.2478	.2309	.1703	.0707								
189.920				.2448	.2289	.0833	.0119								
193.460			.2347	.2890	.2073	-.0663	.0569								
197.000		.1847	.2326	.0000	.0000	-.1197	.0749								
200.540	.1441	.1936	.2377	.2112	-.1227	-.0653	.0917								
204.080		.1948	.2374	.0691	-.1192	-.0875	-.0332								
207.620			.1295	.0921	-.1013	-.0617	-.0396								
222.840												.3864	.3885	.3885	
226.380												.4021	.3928	.3887	
229.920										.4403	.4109	.4916	.3738	.3978	
233.460									.4107	.4819	.4559	.4072	.0000	.2458	
237.000								.3575	.4092	.4905	.5307	.0000			
240.540									.3847	.4370	.5332	.0000	.0433		
244.080										.3716	.3400	.1778	.1025	.1029	
248.200															
337.670														.5602	.1342

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.3213	-.6579	-.5545
237.580			.6788	-.3125	-.5994	-.5342
241.120		.6596	.7061	-.1727	-.5989	-.5186
244.660	.6019	.6480	.7002	.5813	.5833
248.200	.5963	.6343	.6623	.5709	.5810
251.740	.5935	.5977	.5784
255.280		.5725	.4573	-.2202	-.6410
323.510				-.2657	-.4344	-.6001
327.050			-.0003	-.2758	-.4403	-.5950
350.590		.0736	.0139	-.2537	-.4314	-.5988
354.130	.1264	.0719	-.0079	.0000	-.4454	-.6039
337.670	.1249	.0663	-.0143		-.4565	-.6161
341.210	.1181	.0600	-.0159	.0000		
344.750		.0578	-.0118	-.2460		

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ARC11-716 1A14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1232)

ALPHAO(11) = 10.030   BETAO(10) = 8.160

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2075	.2134	.1770	.1234								
186.300				.1853	.1793	.1334	.0678								
189.920			.1442	.1684	.1581	.0600	.0113								
193.460		.0936	.1416	.2065	.1647	-.0440	.0333								
197.000		.1083	.1487	.0000	.0000	-.1033	.0498								
200.540	.0406		.1510	.1505	-.1065	-.0317	.0548								
204.080		.0947		.0697	-.0891	-.0596	-.0155								
207.620			.0896	.0846	-.0865	-.0533	-.023								
222.840											.4565	.4232	.4257	.4219	
226.380											.5051	.4482	.4292	.4262	
229.920										.4733	.5794	.4462	.4138	.4380	
233.460								.3765	.4412	.5211	.5622	.4747	.0000	.2799	
237.000									.4?95	.519?	.0000	.0000	.0329	.0923	
240.540									..02	.4564	.3468	.1749	.0872		
244.080										.3856					
248.200															
337.670														.5516	.1215

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3065	-.6760	-.5600
237.580			.6864	-.3164	-.6009	-.5437
241.120			.7084	-.1819	-.5981	-.5317
244.660	.5876	.6356	.7076		-.5915	-.5973
248.200	.5838	.6546	.6707		-.5767	-.5891
251.740	.5785	.6303	.5608			
255.280		.5865	.4390	-.2458	-.6427	-.6110
323.510		.5561		-.2685	-.4440	-.6075
327.050			.0061	-.2788	-.4560	-.6098
330.590			.0180	-.2630	-.4445	-.6169
334.130	.1217	.0663	-.0124	.0000	-.4596	-.6307
337.670	.1146	.0640	-.0229	.0000		
341.210	.1091	.0511	-.0298	.0000		
344.750		.0417	-.0324	-.2610		
		.0380				

ALPHAO(11) = 10.070   BETAO (11) = 10.230

ARC11-716 IA14 CM+T12+S12M25+AT10 ET ATTACH PTS.   (RB1232)

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.1111	.1123	.0924	.0489								
186.380				.0843	.0833	.0576	.0094								
189.920			.0625	.0856	.0773	.0069	-.0170								
193.460		.0462	.0798	.1326	.0948	-.0430	.0089								
197.000	-.0069	.0545	.0978	.0000	.0000	-.0848	.0154								
200.540		.0527	.0973	-.0876	-.1063	-.0356	.0266								
204.080			.0620	.0715	-.0912	-.0647	-.0309								
207.620				.0410	-.0995	-.0585	-.0240								
222.840											.4861	.4518	.4534	.4512	
226.380											.5458	.4781	.4617	.4607	
229.920										.4985	.6142	.4936	.4444	.4689	
233.460									.4499	.5411	.5621	.5373	.0000	.3228	
237.000								.3932	.4408	.5251	.0000	.0000	.0493		
240.540									.4067	.4619	.3532	.1872	.0872	.1150	
244.080										.3937					
248.200															.5175
337.670															.1127

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.2659	-.7052	-.5830
237.580			.6368	-.2992	-.6114	-.5494
241.120		.6037	.6766	-.1900	-.6399	-.5444
244.660	.5468	.6070	.6781		-.5993	-.6070
248.200	.5461	.6025	.6320		-.5864	-.5949
251.740	.5453	.5564	.5368			
255.280		.5163	.4117	-.2747	-.6459	-.6010
323.510				-.2576	-.4375	-.6032
327.050			.0156	-.2718	-.4545	-.6040
330.590		.0697	.0214	-.2602	-.4466	-.6040
334.130	.1156	.0634	-.0128	.0000	-.4588	-.6144
337.670	.1095	.0400	-.0261	.0000	-.4719	-.6328
341.210	.0931	.0264	-.0430	.0000		
344.750		.0141	-.0493	-.2726		

ARC11-716 IA14 O1+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)   (17 APR 74)

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =
LREF =	38.7090 INCHES	YMRP =
BREF =	38.7090 INCHES	ZMRP =
SCALE =	.0300 SCALE	

29.5800 INCHES
.0000 INCHES
.0000 INCHES

PARAMETRIC DATA

MACH =	1.250	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -10.340   BETAO (1) = -9.910

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.41 3	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6526	.6583	.6096	.5028								
186.380				.6923	.6951	.6135	.4061								
189.920			.7087	.7623	.7317	.4949	.1189								
193.460	.6726		.7803	.8339	.7139	-.0691	-.0506							
197.000	.5760	.7263	.8314	.0000	.0000	-.3275	.0057							
200.540		.6811	.8127	.8332	-.2453	-.2094	.1951							
204.080			.3360	.2490	-.2542	-.1785	-.0672							
207.620				.2511	-.1707	-.1680	-.1284							
222.840										-.0319	-.0565	-.0560	-.0376	-.0239	
226.380										.0105	-.0393	-.0502	-.0428	-.0239	
229.920										.0761	-.0151	-.0716	-.0662	-.0222	
233.460									-.0248	.1220	.1006	-.1769	.0000	-.1844	
237.000								-.0389	.0045	.0823	.0000	.0000	-.3289		
240.540									.0157		.0967	-.1049	-.2216	-.2278	
244.080															.0074
248.200															.0223
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4171	-.4725	-.4122
237.580		.1261	.1410	-.4273	-.4644	-.3921
241.120		.1308	.1597	-.3650	-.4620	-.4229
244.660	.1040	.1326	.1441	-.4984	-.4663
248.200	.1014	.0595	.1415	-.5267	-.4552
251.740	.0723	-.1854	.1485			
255.280			-.3089	-.4208	-.3537	-.4690
323.510				-.2615	-.3654	-.4570
327.050			-.0835	-.2611	-.3628	-.4463
330.590		-.0313	-.0796	-.2412	-.3518	-.4398
334.130	.0062	-.0334	-.0927	.0000	-.3589	-.4374
337.670	.0049	-.0370	-.0949	.0000	-.3665	
341.210	.0113	-.0378	-.0956	.0000		
344.750		-.0333	-.0943	-.2375		

ARC11-716 1A14 CA*T12+S12N25+AT1G ET ATTACH PTS.   (RB1233)

ALPHA(C 1) = -10.260   BETA(S(2) = -7.920

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI / X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.6557	.6544	.6000	.4834								
186.380				.6853	.6811	.5959	.3819								
189.920			.6962	.7410	.7086	.4700	.0902								
193.460			.7576	.8168	.6828	.0949	.0023								
197.000	.5683		.8035	.0000	.0000	.2660	.0881								
200.540			.7797	.7760	-.1554	-.1444	.1919								
204.080			.3100	.2356	-.1737	-.1107	-.0149								
207.620				.2721	-.1199	-.0954	-.0222								
222.840											-.0277	-.0342	-.0224	-.0028	
226.380											-.0165	-.0329	-.0229	-.0064	
229.920										-.0005		-.0656	-.0663	-.0007	
233.460										.0503	.0114	.2013	.0000	-.1868	
237.000								-.0046	.0140	.1235	.1442	.0000			
240.540									.0464	.1660	.0000		-.3383	-.2497	
244.080									.0604	.1310	.1507	-.0640	-.2123		
248.200															.1240
337.670															.0139

PHI / X/LT	.9210	.9270	.9320	.9380	.9430	.9460
234.040		.1802	.1956	-.4046	-.4849	-.4318
237.580		.1797	.2102	-.4026	-.4791	-.4096
241.120		.1779	.2151	-.3328	-.4875	-.4380
244.660	.1479	.1088			-.4935	-.4730
248.200	.1414				-.5060	-.4829
251.740	.1105	-.1100	.2237			
255.280			-.2162	-.4028	-.3618	-.4787
323.510			-.0801	-.2583	-.3723	-.4699
327.050			-.0770	-.2656	-.3751	-.4699
330.590	.0030	-.0304	-.0943	-.2510	-.3631	-.4649
334.130	.0001	-.0331	-.1009	.0005	-.3728	-.4599
337.670	.0013	-.0496	-.1007	.0000	-.3811	-.4581
341.210		-.0459	-.1007	.0000		
344.750		-.0418	-.1015	-.2507		

ARC11-716 IA14 01+T12+S12N25+ATIO ET ATTACH PTS.   (981233)

ALPHA... = -10.250   BETA0 (3) = -5.020

SECTION ... ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3510	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6650	.6596	.5947	.4649								
186.380				.6909	.5793	.5815	.3543								
189.920			.7028	.7398	.6944	.4419	.0561								
193.460		.6689	.7617	.8116	.5635	.1291	.0408								
197.000	.5645	.7082	.8106	.0000	.0000	-.2462	-.1236								
200.540		.6738	.7850	.8191	-.1163	-.1133	.1443								
204.080				.3315	-.1392	-.0772	-.0096								
207.620			.2049	.3458	-.0988	-.0841	.0140								
222.840											-.0255	-.0322	-.0235	-.0066	
226.380										-.0038	-.0103	-.0270	-.0238	-.0115	
229.920										.0390	.0312	-.0451	-.0448	-.0086	
233.460								.0057	.0390	.0947	.1303	-.1349	.0000	-.1525	
237.000							-.0025	.0331	.0947	.1199	.0000	.0000			
240.540								.0488	.0965		.1127	-.0637	-.2903	-.2005	
244.080													-.1969		
248.200															.1397
337.670															.0293

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4042	-.4722	-.4053
237.580		.1880	.1566	-.4244	-.4613	-.3858
241.120		.2041	.2165	-.3487	-.4691	-.4240
244.680	.1626	.2023	.2346		-.4704	-.4687
248.200	.1616	.1444	.2495		-.4784	-.4773
251.740	.1384		.2550			
255.280		-.0128	-.1023	-.3523	-.3635	-.4885
323.510				-.2513	-.3733	-.4812
327.050		-.0180	-.0637	-.2661	-.3817	-.4760
330.590		-.0188	-.0637	-.2531	-.3702	-.4726
334.130	.0163	-.0300	-.0830	.0000	-.3780	-.4680
337.670	.0134	-.0891	.0000	-.3837		
341.210	.0125	-.0347	-.0914	.0000		
344.750		-.0378	-.0933	-.2446		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC:1-7:6 1A14 C1+*T2+S12N25+ATIO ET ATTACH PTS.   (R81233)

ALPHAO(1) = -10.840   BETAO (4) = -3.980

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3010	.3870	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
X/I															
182.840				.6776	.6660	.5956	.4550								
186.580				.7002	.6813	.5741	.3375								
189.920			.7167	.7481	.6945	.4236	.0374								
193.460		.6828	.7596	.8229	.6539	.1360	.1164								
197.000	.5795	.7291	.8240	.0000	.0000	.2300	.1647								
200.540		.6797	.7981	.7970	.0887	.0808	.1701								
204.080			.3319	.3148	.0958	.0549	-.0093								
217.620				.3516	.0478	.0488	-.0082								
222.840											-.0064	-.0154	-.0118	-.0037	
226.380											.0094	-.0115	-.0125	-.0089	
229.920									.0120		.0556	-.0281	-.0311	-.0105	
233.460								.0205	.0530		.0556	-.0967	.0000	-.1578	
237.000							.0109	.0456	.1005		.1519				
240.540								.0512	.1109		.0000	.0000	-.2679		
244.080									.0871		.0879	-.0747	-.1785	-.1704	
248.200															.1510
337.670															.0893

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
X/I						
234.040				-.3632	-.4274	-.3664
237.580			.1279	-.4001	-.3972	-.3573
241.120		.1972	.1845	-.3496	-.3746	-.3669
244.660	.1757	.2298	.2422		-.3801	-.3961
248.200	.1858	.2412	.2645		-.4061	-.4302
251.740	.1786	.2065	.2645			
255.280		.1069	.0524	-.3142	-.3990	
323.510				-.2398	-.3724	-.4929
327.030			-.0462	-.2575	-.3870	-.4929
330.590	.0202	-.0097	-.0509	-.2541	-.3784	-.4896
334.130	.0168	-.0149	-.0742	.0000	-.3870	-.4885
337.670		-.0246	-.0852		-.3893	-.4828
341.210	.0123	-.0321	-.0859	.0000		
344.750		-.0376	-.0948	-.2473		

DATE 07 JAN 75   TABULATED PRESSURE DATA - DATA4 - VOL. 11

ARCH=-716 :A14 CA+T12+S:2N25+A:T10 ET ATTACH PTS.   (RB1233)

ALPHA01(1) = -10.250   BETA0 (5) = -1.970

SECTION : JET ATTACH POINTS

PERCENT VARIABLE CP

	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6888	.6750	.5946	.4452								
186.360				.7072	.6815	.5614	.3169								
189.920			.7285	.7472	.6923	.3998	.0330								
195.480		.7059	.7791	.9064	.6238	.0969	.1755								
197.000	.6104	.7428	.8318	.0000	.0000	.1160	.2273								
240.540		.7018	.8310	.8240	.0157	.0149	.1524								
204.060			.3955	.3698	.0382	.0079	.0274								
237.620				.4313	.0002	.0202	.0475								
222.840											.0265	.0195	.0202	.0230	
226.360											.0330	.0221	.0199	.0166	
229.920									.0623	.0524	.1159	.0069	.0004	.0154	
233.460								.0470	.0838	.1024	.2241	-.0543	.0000	-.1763	
237.000									.0970	.1542	.0000	.0000	-.3025		
240.540										.1594	.1164	-.0702	-.1736	-.1634	
244.080										.1283					
240.200															.2018
337.620															.0360

	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3840	-.4590	-.3676
237.580			.1062	-.4156	-.4318	-.3616
241.120		.2365	.2365	-.3592	-.4067	-.3355
244.660	.2194	.2729	.2788	-.4195	-.4299	
248.200	.2363	.3019	.3113	-.4349	-.4586	
251.740	.2467	.2893	.3551			
255.280		.2205	.1771	-.2511	-.4638	-.4969
323.510				-.2245	-.3681	-.4988
327.050			-.0222	-.2430	-.3829	-.5001
330.590		.0025	-.0277	-.2420	-.3803	-.5035
334.130	.0347	-.0063	-.0565	.0000	-.3934	-.5048
337.670	.0282	-.0157	-.0723		-.4004	
341.210	.0277	-.0230	-.0741	.0000		
344.750		-.0251	-.0625	-.2404		

ALPHADE ID = -10.160　　BETAD (6) =　.020

ARC(1)-716 1A14 .04+T12+S12N25+AT10 ET ATTACH PTS.　　(RB1235)

SECTION (1)ET ATTACH POINTS　　DEPENDENT VARIABLE C?

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
102.840				.6654	.6514	.5756	.4324								
166.300				.6782	.6468	.5366	.3193								
169.920			.6919	.7034	.6382	.3845	.1489								
193.460		.6665	.7199	.7605	.5823	.9689	.3057								
197.090	.6068	.6919	.7538	.0000	.0000	.0346	.3116								
200.540		.6428	.7378	.7112	.0823	.0762	.2726								
214.060			.3973	.3482	.0623	.0997	.1356								
207.620				.4087	.1049	.1176	.1345								
222.840											.0948	.0881	.0843		
226.300										.1365	.1145	.0892	.0865		
229.920									.1759	.1894	.1109	.0722	.1060		
233.460									.1954	.2805	.1215	.0000	-.1764		
237.090								.1402	.1891	.3466	.0000	-.5077			
240.540									.2580	.2580	.0000	-.2756	-.3169		
244.060										.2011	.1648	-.1912			
248.290															.2724
337.670															.0505

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.3071	-.3692	-.4903	-.3814	
237.580		.3455	-.3550	-.4657	-.3767	
241.120	.3193	.3515	-.2610	-.4286	-.3999	
247.660	.2933	.3292		-.4396	-.4331	
240.200	.2993	.3419		-.4328	-.4534	
251.740	.3011	.3273	.4091			
255.280		.2839	.2169	-.2234	-.4754	-.4896
323.510				-.2074	-.3535	-.4928
327.050			.0009	-.2261	-.3683	-.4959
330.590		.0264	-.0090	-.2232	-.3676	-.5055
334.130	.0360	.0157	-.0340	-.0000	-.3845	-.5111
337.670	.0471	.0004	-.0512	.0000	-.3947	
341.210	.0412	-.0079	-.0808	.0000		
344.750		-.0106	-.0663	-.2337		

AR[illegible]-716 DATA [illegible]+T12+S12N25+AT1D ET ATTACH PTS. (RB1233)

A[illegible]HA[illegible]-10.[illegible]60 BETA [illegible] 2.040

SECTION [illegible] ET ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.39[illegible]	.3970	.4[illegible]	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6102	.5946	.5336	.4204								
186.380				.6221	.5921	.4981	.3438								
189.920			.6431	.6384	.5770	.3744	.2589								
193.460		.6449	.6713	.6755	.4966	.1882	.3606								
197.000	.6006	.6563	.7016	[illegible]	[illegible]	.1342	.3673								
200.540		.6084	.6928	.6589	.1424	.1378	.3351								
204.080			.4209	.3725	.1317	.1639	.1989								
207.620				.4243	.1664	.1838	.2134								
222.840												.1925	.1718	.1663	
226.380											.2544	.2141	.1702	.1619	
229.920										.2983	.3063	.1935	.1448	.2083	
233.460									.2712	.3476	.3590	.2673	.0000	-.0964	
237.000								.2012	.2730	.3583	.4274				
240.540									.2508	.3164	.0000	.0000	-.6341		
244.080										.2433	.1878	-.1021	-.3112	-.3694	
248.200															.3189
337.670															.0703

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2586	-.4888	-.3928
237.580			.4454	-.2011	-.4839	-.3655
241.120		.4006	.4131	-.1264	-.4467	-.3889
244.660	.3482	.3704	.3525		-.4423	-.4324
248.200	.3410	.3621	.3673		-.4391	-.4387
251.740	.3386	.3567	.3947			
255.280		.3138	.2415	-.1881	-.4871	
323.510				-.1928	-.3400	-.4761
327.050			.0159	-.2092	-.3528	-.4793
330.590		.0484	.0141	-.2047	-.3522	-.4840
334.130	.0796	.0373	-.0141	.0000	-.3705	-.4939
337.670	.0685	.0215	-.0325		-.3837	-.5063
341.210	.0608	.0076	-.0453	.0000		
344.750		-.0009	-.0507	-.2284		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 01+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(1) = -10.220   BETA0 (8) =   4.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5961	.5810	.5270	.4354								
166.380				.6090	.5753	.4922	.3791								
169.920				.6289	.5507	.3834	.3331								
193.460		.6592	.6452	.6649	.4645	.2701	.3970								
197.000	.6398	.6970	.6841	.0000	.0000	.1816	.4203								
200.540		.6512	.7410	.7350	.2118	.1903	.3502								
204.080			.4640	.3846	.2059	.2238	.2578								
207.620				.4995	.2529	.2514	.2761					.1989	.1801	.1827	
222.840											.2634	.2190	.1804	.1741	
226.380										.3050	.3114	.2033	.1510	.2136	
229.920										.3514	.3546	.2627	.0000	-.0879	
233.460									.2779	.3633	.4359	.0000	-.5991		
237.000								.2144	.2851	.3249	.0000	-.0704	-.2782		
240.540									.2613	.2639	.2118				
244.080															.3826
248.200															.0805

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2541	-.4255	-.4460
237.580				-.2154	-.4872	-.4494
241.120			.4637	-.1194	-.4600	-.4632
244.660	.4096	.4469	.4766	-.1106	-.4903	-.4871
248.200	.4041	.4355	.4322	-.1897	-.5126	-.4717
251.740	.3997	.4270	.4335	-.1974	-.5564	
255.280		.4069	.4394	-.1873		
325.510			.0195	.0000	-.3359	-.4690
327.050		.0616	.0229	.0000	-.3434	-.4690
330.590		.0555	-.0006		-.3382	-.4732
334.130	.0921	.0422	-.0113		-.3559	-.4815
337.670	.0854	.0290	-.0268		-.3679	-.4917
341.210	.0763	.0206	-.0338	-.2117		
344.750						

ARC11-716 1A14 D1+T12+S12N23+AT10 ET ATTACH PTS.

(R91233)

ALPHAQ(1) = -10.235   BETAQ (9) = 6.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8360
PHI														
182.840				.6010	.5927	.5449	.4694							
186.380				.6152	.5842	.5150	.4310							
189.920			.6401	.6357	.5676	.4325	.4062							
193.460		.6652	.6688	.6867	.4899	.3865	.4504							
197.000	.6401	.6919	.7377	.0000	.0000	.2851	.5119							
200.540		.6326	.7067	.7089	.2953	.2746	.4359							
204.080			.5055	.4271	.2894	.3064	.3440							
207.620				.5262	.3337	.3312	.3488			.2791	.2088	.1851	.1864
222.840										.3237	.2243	.1794	.1748
226.380										.3839	.2050	.1566	.2075
229.920									.3330	.3868	.2279	.0000	-.1581
233.460								.2607	.3206	.4134	.5009			
237.000									.3310	.3893	.0000	.0000	-.5769
240.540									.3183	.3323	.2850	-.0073	-.2356	-.3047
244.080														.4757
248.200														.0467
337.670														

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2517	-.4661	-.4663
237.580		.5154	.5319	-.2099	-.5035	-.5020
241.120		.5244	.5471	-.1159	-.5116	-.5130
244.660	.4943	.5244	.5451	.5293	-.5025
248.200	.4980	.5105	.5562	.5508	-.5107
251.740	.5018	.5190	.5598			
255.280			.4916	.5255	-.4901
323.510			-.0208	-.2195	-.3608	-.4880
327.050		.0200	-.0179	-.2306	-.3686	-.4891
330.590		.0068	-.0437	-.2233	-.3634	-.4922
334.130	.0473	-.0020	-.0565	.0000	-.3764	-.4977
337.870	.0392	-.0133	-.0687	.0000	-.3853
341.810	.0359	-.0171	-.0744	-.2350		
344.750						

ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (R81235)

ALPHAO(1) = -10.230   BETAO (10) = 8.120

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6181	.6160	.5779	.5114								
186.380				.6426	.6217	.5487	.4794								
189.920			.6816	.6858	.6201	.4601	.4760								
193.460		.6775	.7240	.7607	.5892	.4500	.5221								
197.000	.5716	.6615	.7245	.0000	.0000	.4036	.5968								
200.540		.5855	.6635	.6951	.3581	.3540	.5257								
204.080			.5235	.4734	.3535	.3768	.4172								
207.620				.5377	.4016	.3942	.4258								
222.840												.2303	.2012	.2056	
226.380												.2479	.1947	.1911	
229.920										.3920	.3225	.2262	.1678	.2294	
233.460									.3842	.4329	.3718	.2580	.0000	-.2220	
237.000								.3225	.3984	.4862	.4260				
240.540									.3873	.4635	.5874	.0000	-.5763		
244.080										.4005	.0000	.0470	-.2045	-.2926	
248.200											.3460				
337.670															.5655
															.0697

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1922	-.4819	-.4627
237.580			.8088	-.1366	-.4730	-.4807
241.120		.6227	.6449	-.0232	-.4600	-.4991
244.660	.5968	.6323	.6413		-.4987	-.4978
248.200	.5992	.6328	.6478		-.5203	-.4981
251.740	.5979	.6196	.6514			
255.280		.6183	.5812	.0658	-.4931	
323.510				-.1935	-.4930	
327.050			.0163	-.2041	-.3462	-.4869
330.590		.6183	.0192	-.1989	-.3551	-.4861
334.130	.0767	.0440	-.0084	.0000	-.3498	-.4944
337.670	.0684	.0360	-.0266	.0000	-.3642	-.5033
341.210	.0569	.0205	-.0419		-.3769	
344.750		.0071	-.0512	-.2233		

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ARC11-715 IA14 CA+TI2+S12N25+ATIO ET ATTACH PTS.   (P51253)

ALPHA(1) = -10.240   BETAO (11) = 10.110

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6269	.6380	.6078	.5487								
186.380				.6439	.6351	.5853	.5280								
189.920			.6506	.6710	.6362	.5452	.5316								
193.460		.6003	.6566	.7164	.6068	.5385	.5828								
197.000	.4527	.5495	.6212	.0000	.0000	.5508	.6367								
200.540		.4922	.5582	.6117	.4395	.4938	.6022								
204.080			.4896	.4888	.4441	.4661	.5073								
207.620				.5309	.4661	.4702	.5131								
222.840											.3559	.2491	.2095	.2237	
226.380										.4362	.4127	.2682	.1929	.2025	
229.920									.4292	.5015	.4560	.2377	.1695	.2505	
233.460								.3650	.4462	.5337	.6393	.3012	.0000	-.2686	
237.000									.4331	.5108	.0000	.0000	-.5701		
240.540										.4437	.3807	.0865	-.1776	-.2752	
244.080															.6483
248.200															.0845
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1599	-.5596	-.5596
237.580			.6860	-.1020	-.5933	-.5916
241.120		.7134	.7224	.0222	-.61.5	-.6013
244.660	.6852	.7281	.7384		-.6369	-.5914
248.200	.6890	.7234	.7384		-.6581	-.5833
251.740	.6916	.7170	.7358	.0833	-.4957	-.5112
255.280		.6979	.6385	-.1985	-.3597	-.4972
323.510			.0249	-.1988	-.3608	-.4914
327.050			.0385	-.1830	-.3478	-.4946
330.590		.0476	.0166	.0000	-.3564	-.4992
334.130	.0899	.0489	.0093	.0000	-.3626	
337.670	.0912	.0481	.0034			
341.210	.0923	.0452	-.0049	-.1884		
344.750		.0403				

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ALPHA0(2) = -8.220   BETA0 (1) = -9.940

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6321	.6396	.5974	.4926								
186.390				.6680	.6753	.6004	.3969								
189.920				.7298	.7073	.4854	.1124								
193.460			.6781	.7962	.6973	-.0719	-.0539								
197.000	.5470	.6820	.7732	.0000	.0000	-.3148	.0032								
200.540		.6331	.7432	.7510	-.2510	-.1887	.2095								
204.080			.2800	.2454	-.2510	-.1935	-.0651								
207.620				.2428	-.1790	-.1693	-.1247								
222.840											-.0439	-.0356	-.0180	.0015	
226.380											-.0302	-.0364	-.0151	-.0011	
229.920									-.0182	-.0048	-.0807	-.0497	.0033	
233.460								-.0079	.0262	.0918	.1109	-.1763	.0000	-.1660	
237.000								.0239	.0918	.0000	.0000	.3030			
240.540							-.0232	.0378	.1401	.0000	.1182	-.0901	-.2001	-.1988	
244.080										.1058	.1182				.1147
248.200															.0342
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4252	-.5345	-.4769
237.580				-.4140	-.5091	-.4620
241.120				-.3371	-.5057	-.4706
244.660	.1368	.1724	.1781		-.5057	-.5019
248.200	.1327	.1662	.1820		-.5091	-.5107
251.740	.0888	.1670	.1980			
255.280		.0786	-.2148	-.4893	-.4045	
323.510		-.2148	-.3297	-.2429	-.3514	-.4529
327.050			-.0642	-.2336	-.3389	-.4334
330.590		-.0120	-.0603	-.2125	-.3298	-.4219
334.130	.0223	-.0144	-.0725	.0000	-.3381	-.4191
337.670	.0215	-.0170	-.0764		-.3514	-.4246
341.210	.0231	-.0198	-.0751	.0000		
344.750		-.0159	-.0749	-.2221		

ARC11-716 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(2) = -8.240   BETAO (2) = -7.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6453	.6466	.5933	.4763								
186.380				.6753	.6730	.5892	.3754								
189.920			.6805	.7309	.7002	.4640	.0849								
193.460		.6409	.7421	.8018	.6752	.1000	-.0083								
197.000	.5512	.6865	.7840	.0000	.0000	-.2829	.0645								
200.540		.6402	.7581	.7560	-.1838	-.1596	.2012								
204.080			.2900	.2233	-.1981	-.1329	-.0305								
207.620				.2481	-.1433	-.1153	-.0442								
222.840												-.0118	.0052	.0179	
226.380												-.0128	-.0045	.0177	
229.920											-.0084	-.0592	-.0566	.0179	
233.460										.0223	.0022	-.2198	.0000	-.1789	
237.000									.0401	.0825	.0270				
240.540								.0156	.0693	.1559	.1735	.0000	-.3160		
244.080									.0789	.1996	.0000	.0000	-.2034	-.2144	.1418
248.200										.1526	.1807	-.0527			.0270

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3904	-.4759	-.4373
237.580				-.3819	-.4728	-.4087
241.120				-.3037	-.4829	-.4295
244.660	.1673	.2102	.2293		-.4881	-.4728
248.200	.1613	.1975	.2458		-.5011	-.4803
251.740	.1270	.1934	.2195			
255.280	-.1057	.1231	.2272	-.4016		
323.510			-.2468	-.3589	-.4639	
327.050		-.0668	-.2463	-.3534	-.4512	
330.590	-.0146	-.0647	-.2310	-.3485	-.4485	
334.130	.0161	-.0222	-.0814	.0000	-.3636	-.4498
337.670	.0135	-.0269	-.0873	-.3795	-.4532	
341.210	.0182	-.0269	-.0884	.0000		
344.750		-.0279	-.0856	-.2377		

ARC11-716 1A14 O1+T12+S12N23+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(2) = -0.840   BETA((3) = -5.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
=I
182.840				.6451	.6415	.5853	.4608
186.380				.6713	.6622	.5723	.3519
189.920			.6720	.7202	.6832	.4385	.0578
193.460		.6358	.7215	.7902	.6522	-.1212	.0660
197.000	.5404	.6617	.7695	.0000	.0000	-.2517	.1132
230.540		.6189	.7236	.7062	-.1355	-.1153	.2338
234.080			.2639	.1981	-.1490	-.0473	-.0011
237.620				.2497	-.0952	-.0886	-.0258
222.840											-.0154	-.0151	.0028	.0132
226.360											.0011	-.0120	.0015	.0080
229.920										.0050	.0329	-.0255	-.0208	.0067
233.460									.0104	.0381		-.0877	.0000	-.1045
237.000								.0027	.0321	.0851	.1190			
240.540									.0451	.1084	.0000	.0000	-.2355
244.080										.0900	.1104	-.0451	-.1716	-.1582
248.200															.1507
337.670															.0385

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
=I
234.040				-.3929	-.4644	-.4089
237.580			.2023	-.4036	-.4602	-.3797
241.120	.1834	.2186	.2492	-.3142	-.4714	-.4177
244.660	.1801	.2246	.2492		-.4714	-.4651
248.200	.1546	.2212	.2577		-.4805	-.4729
251.740		.1610	.2657
255.280	-.0110	-.0110	-.1110	-.1110	-.3472	-.4750
323.510				-.2482	-.3662	-.4633
327.050		-.0574		-.2534	-.3657	-.4568
330.590		-.0058	-.0538	-.2334	-.3524	-.4578
334.130	.0278	-.0100	-.0726	.0000	-.3641	-.4591
337.670	.0242	-.0177	-.0785		-.3774
341.810	.0244	-.0250	-.0801	.0000
344.750		-.0232	-.0853	-.2355

ARC11-716 IA14 D1+T12+S12M25+RATIO ET ATTACH PTS.   (RB1233)

ALPHAO(2) = -6.250   BETAO(4) = -3.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.6652	.6539	.5867	.4495							.8390	.8160
186.380				.6865	.6699	.5659	.3333								
189.920			.7087	.7317	.6805	.4209	.0375								
193.460		.6647	.7530	.8032	.6404	-.1305	.1176								
197.000	.5851	.7059	.8032	.0000	.0000	-.2287	.1552								
200.540		.6572	.7788	.7659	-.1086	-.0903	.2110								
204.080				.2935	-.1198	-.0697	-.0080								
207.620			.3230	.3313	-.0778	-.0638	-.0291								
222.840												-.0077	.0023	.0148	
226.380											-.0048	-.0038	.0015	.0059	
229.920									.0254	.0148	.0135	-.0151	-.0130	.0015	
233.460								.0440	.0557	.0606	-.0792	.0000	-.1355		
237.000							.0166	.0567	.1032	.1542					
240.540									.1105	.0000	.0000	.0000	-.2448		
244.080										.0883	.0895	-.0632	-.1552	-.1423	
248.200															.1669
337.670															.0444

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3685	-.4267	-.3718
237.580			.1588	-.3976	-.3999	-.3593
241.120		.2193	.2126	-.3313	-.3713	-.3679
244.660	.1932	.2488	.2627		-.3773	-.4001
248.200	.1997	.2921	.2775		-.4033	-.4293
251.740	.1895	.2105	.2679			
255.280		.1082	.0536	-.3150	-.3902	
323.510				-.2401	-.3660	-.4816
327.050			-.0452	-.2518	-.3702	-.4702
330.590		.0022	-.0425	-.2347	-.3559	-.4637
334.130	.0371	-.0014	-.0637	.0000	-.3627	-.4590
337.670	.0304	-.0097	-.0694		-.3718	-.4553
341.210	.0311	-.0172	-.0726	.0000		
344.750		-.0170	-.0734	-.2508		

ARC11-716 IA14 Q4+T12+S12+N25+AT10 ET ATTACH PTS.   (RB1235)

ALPHAO(2) = -8.290   BETAO (5) = -1.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.040				.5597	.6467	.5760	.4333								
186.380				.6765	.6535	.5451	.3120								
189.920			.6915	.7078	.6511	.3885	.0462								
193.460		.6650	.7342	.7694	.5944	-.0709	.2036								
197.000	.5932	.9985	.7826	.0000	.0000	-.1071	.2332								
200.540		.6540	.7730	.7528	-.0212	-.0200	.2064								
204.080			.3582	.3155	.0409	.0038	.0434								
207.620				.3761	-.0056	.0132	.0347								
222.840												.0283	.0220	.0306	
226.380											.0340	.0291	.0275	.0301	
229.920											.0570	.0195	.0150	.0298	
233.460										.0518	.1146	-.0286	.0000	-.1372	
237.000								.0590	.0624	.1019	.2087				
240.540									.0825	.1464	.0000	.0000	-.2312		
244.080									.0900	.1459	.1043	-.0561	-.1320	-.1209	
248.200															.2086
337.670										.1177					.0472

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3813	-.4554	-.3911
237.580			.2124	-.4050	-.4263	-.3815
241.120		.2332	.2623	-.3342	-.3997	-.3914
244.660	.2268	.2835	.3611		-.4081	-.4258
248.200	.2421	.3091	.3282		-.4354	-.4552
251.740	.2463	.2801	.3323			
255.280		.2155	.1645	-.2663	-.4599	
323.510				-.2226	-.3640	-.4901
327.050			-.0256	-.2427	-.3786	-.4899
330.590		.0066	-.0292	-.2388	-.3716	-.4870
334.130	.0402	.0024	-.0559	.0000	-.3807	-.4870
337.670	.0366	-.0045	-.0645		-.3843	-.4828
341.210	.0340	-.0102	-.0692	.0000		
344.750		-.0138	-.0726	-.2333		

ARC11-716 IA14 CA+T12-S12N25 STATIC ET ATTACH PTS.   (RB1233)

ALPHA0(2) = -8.250   BETA0(6) = .010

SECTION (1) JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6354	.6235	.5594	.4229								
186.380				.6419	.6199	.6225	.3184								
189.920			.6455	.6598	.6087	.3783	.1593								
193.460		.6222	.6779	.7124	.5517	.0829	.3110								
197.000	.5771	.6442	.7053	.0000	.0000	.0521	.3190								
200.540		.5916	.6766	.6476	.0742	.0726	.3177								
204.080			.3568	.2943	.0583	.0957	.1506								
207.620				.3656	.0945	.1088	.1287								
222.840											.1370	.1025	.0963	.0973	
226.380											.1911	.1214	.1004	.0983	
229.920											.2725	.1201	.0884	.1159	
233.460										.1777		.1323	.0000	-.1285	
237.000								.1378	.1702	.2375	.3392	.0000			
240.540									.1841	.2673	.0000	.0000	-.3938		
244.080									.1810	.2429	.1473	-.0817	-.2188	-.2313	
248.200															.2049
337.670															.0564

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3624	-.4697	-.3701
237.580			.3401	-.3328	-.4384	-.3547
241.120			.3717	-.2372	-.4058	-.3827
244.660		.3099	.3706		-.4058	-.4234
248.200		.3130	.3978		-.4275	-.4348
251.740		.3112	.4007			
255.280		.2847	.2222	-.2320	-.4697	
323.510				-.2036	-.3506	-.4854
327.050			.0017	-.2222	-.3665	-.4893
330.590			-.0019	-.2196	-.3654	-.4914
334.130	.0582	.0308	-.0315	.0000	-.3914	-.4995
337.670	.0491	.0184	-.0481		-.3913	-.5057
341.210	.0471	.0054	-.0543	.0000		
344.750		-.0011	-.0624	-.2287		

ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(2) = -0.230   BETAO (7) = 2.020

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.5789	.5677	.5136	.4095								
186.380				.5074	.5636	.4790	.3369								
189.920			.6030	.6039	.5441	.3667	.2646								
193.460		.5983	.6207	.6373	.4672	.1877	.3564								
197.000	.5630	.6111	.6598	.0000	.0000	.1500	.3631								
200.540		.5573	.6323	.6020	.1171	.1356	.3713								
214.080			.3752	.3279	.1128	.1469	.1869								
207.620				.3736	.1359	.1597	.1996								
222.840												.1996	.1808	.1748	
226.380											.2576	.2198	.1798	.1725	
229.920										.3037	.3120	.1990	.1571	.2248	
235.460									.2773	.3560	.3609	.2871	.0000	-.0824	
237.000								.2081	.2811	.3677	.4420	.0000	-.5940		
240.540									.2571	.3221	.0000	.0000	-.5940		
244.080										.2529	.1918	-.0975	-.2973	-.3513	
248.200															
337.670														.3601	.0443

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2278	-.5491	-.4459
237.580				-.1571	-.4986	-.3867
241.120		.5066	.4921	-.0529	-.4920	-.3854
244.660	.4148	.4514	.4229		-.4524	-.4426
248.200	.3900	.4120	.3690		-.4516	-.4616
251.740	.3770	.3913	.3477			
255.280		.3566	.2999	-.1673	-.5037	
323.510				-.2153	-.3606	-.4932
327.050			-.0110	-.2278	-.3537	-.4911
330.590			-.0123	-.2215	-.3642	-.4906
334.130	.0487	.0186	-.0418	.0000	-.3794	-.4940
337.670	.0393	.0087	-.0555		-.3688	-.4992
341.210	.0336	-.0092	-.0638	.0000		
344.750		-.0149	-.0685	-.2299		

ARC11-716 1A14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(DEG B) = -0.250   BETA(DEG B) = 4.040

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.9180
PN1															
182.040				.5699	.5606	.5125	.4271								
186.380				.5819	.5562	.4804	.3740								
189.920			.6072	.5987	.5350	.3781	.3212								
193.460		.6153	.6396	.6360	.4530	.2476	.3955								
197.000	.5910	.6386	.6091	.0000	.0000	.1851	.4237								
200.540		.5952	.6749	.6689	.1892	.1776	.3750								
204.080			.6159	.3372	.1904	.2022	.2412								
207.620				.4424	.2245	.2276	.2516								
222.840												.1980	.1034	.1065	
226.380											.2528	.2171	.1039	.1702	
229.920										.2892	.2942	.2016	.1571	.2098	
233.460									.2635	.3318	.3367	.2533	.0000	-.0583	
237.000								.2045	.2684	.3421	.4109	.0000	-.3377		
240.540									.2490	.3062	.1975	.0000	-.2480	-.2862	
244.080										.2479		-.0650			
248.200															.4040
337.670															.0534

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PN1						
234.040				-.2594	-.5292	-.5363
237.580		.1658	.4936	-.2235	-.5685	-.5215
241.120		.4581	.4680	-.1750	-.5569	-.5149
244.660	.4354	.4598	.4675	.5977	-.5948	-.5280
248.200	.4325	.4472	.4822	.0000	-.5703	-.5503
251.740	.4250	.4223	.4933	-.0980	-.5732	
255.280			.3557	-.2112	-.3541	-.4677
323.510				-.2236	-.3609	-.4843
327.050		.0273	-.0046	-.2163	-.3559	-.4846
330.590		.0190	-.0049	.0000	-.3708	-.4890
334.130	.0375	.0079	-.0317		-.3820	-.4976
337.670	.0484	-.0032	-.0464			
341.210	.0426	-.0126	-.0579	.0000		
344.750			-.0625	-.2296		

ARC11-716 1A14 C6+712+S12N25+AT1D ET ATTACH PTS.   (RB1233)

ALPHA(12) = -8.220   BETA(19) = 6.050

SECTION C (WET ATTACH POINTS)

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
PHI															
182.840				.5667	.5600	.5235	.4480								
186.300				.5807	.5577	.4928	.4155								
188.920			.6108	.6033	.5403	.4160	.3916								
193.460		.6344	.6565	.6548	.4654	.3430	.4441								
197.000	.6059	.6551	.7038	.0000	.0000	.2628	.5069								
200.540		.5886	.6644	.6774	.2553	.2441	.4449								
204.080			.4437	.3758	.2555	.2097	.3109								
207.620				.4651	.2968	.2917	.3096								
222.840											.2636	.2044	.1850	.1896	
226.380											.3083	.2163	.1810	.1768	
229.920										.3158	.3685	.1982	.1567	.2044	
233.460									.3047	.3714	.3685	.2101	.0000	-.1335	
237.000								.2512	.3171	.3982	.4794	.0000	-.5442		
240.540									.3052	.3734	.0000	.0000	-.2174	-.2024	
244.080										.3189	.2737	-.0090			
248.220															.4901
337.670															.0588

X/LT	.9810	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2390	-.5850	-.5435
237.580			.5535	-.2084	-.5938	-.5409
241.120		.5585	.5659	-.1170	-.6047	-.5325
244.660	.5116	.5416	.5533	-.5096	-.5245	
248.200	.5142	.5556	.5773	-.6250	-.5492	
251.740	.5197	.5572	.5936			
255.280		.5265	.4796	.0034	-.5315	
323.510			-.0048	-.2066	-.3484	-.4623
327.050		.0311	-.0028	-.2198	-.3575	-.4791
330.590		.0228	-.0306	-.2131	-.3515	-.4789
334.130	.0624	.0150	-.0422	.0000	-.3643	-.4841
337.670	.0348	.0052	-.0469	.0000	-.3731	-.4680
341.210	.0469	-.0030	-.0544	-.2216		
344.750				-.2216		

DATE 27 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 1:

ARC11-715 1A14 2A*T12*S12N25*AT10 ET ATTACH PTS.   (RB1233)

ALPHADI 2, = -8.220   BETAD 0101 = 8.100

SECTION   1(ET ATTACH POINTS)   DEPENDENT VARIABLE CP

X/C	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
PHI															
182.840				.6007	.6023	.5669	.5022							.0390	.8100
186.300				.6276	.6105	.5436	.4728						.8340		
189.920			.6511	.6696	.6185	.4656	.4646								
193.480		.6183	.6841	.7527	.5899	.4142	.5239								
197.000	.4460	.5694	.6717	.0000	.0000	.3794	.5858								
200.540		.5164	.8007	.6606	.3247	.3444	.5390								
204.080			.4209	.3917	.3293	.3472	.3912								
207.620				.4862	.3613	.3597	.3907			.3808	.3155	.2295	.2023	.2072	
222.840										.4374	.3633	.2465	.1908	.1927	
226.380									.3703	.4190		.2207	.1672	.2301	
229.920									.3842	.4679	.5684	.2527	.0000	-.2078	
233.460								.3080	.3703	.4439	.0000	.0000	-.5565	-.2005	
237.000										.3854	.3230	.0443	-.1012		
240.540															.5505
248.200															.0618
337.675															

X/C	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040				-.1534	-.5352	-.5349
237.560		.6229	.6521	-.1012	-.5703	-.5672
241.120		.6102	.6392	-.0462	-.5906	-.5747
244.680	.5946	.6017	.6066		-.6011	-.5560
248.200	.5794	.5914	.6066		-.6350	-.5528
251.740	.5765	.5787	.6131			
255.280			.5355	.0339	.5070	-.4833
323.510				-.1874	-.3401	-.4823
327.030		.0515	.0220	-.2007	-.3508	-.4813
330.560	.0708	.0422	.0238	-.1952	-.3461	-.4885
334.130	.0656	.0259	-.0141	.0000	-.3563	-.4951
337.670	.0610	.0156	-.0222			
341.210		-.0073	-.0329	.0000		
344.730			-.0414	-.2111		

ALPHAO(2) = -8.220   BETAO (11) = 10.130   ARC11-716 IA14 CA+T12+S12N25+AT1O ET ATTACH PTS.   (R81233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6002	.6170	.5911	.5332								
186.380				.6170	.6154	.5675	.5086								
189.920			.6141	.6439	.6172	.5186	.5071								
193.460		.5417	.6123	.6855	.9957	.4863	.5596								
197.000	.3851	.4505	.5694	.0000	.0000	.4953	.5929								
200.540		.4251	.5040	.5702	.3870	.4579	.5670								
204.080			.4191	.4321	.3934	.4159	.4584								
207.620				.4683	.4100	.4177	.4713								
222.840									.4095	.4132	.3411	.2460	.2141	.2260	
226.380									.4245	.4741	.3899	.2623	.1988	.2063	
229.920									.4098	.5043	.4323	.2341	.1791	.2512	
233.460										.4814	.6074	.2840	.0000	-.2265	
237.000								.3493		.4201					
240.540											.0000	.0000	.0000	-.5426	.6586
244.080											.3568	.0787	-.1622	-.2548	
337.670															.0463

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1420	-.5409	-.5355
237.580			.7160	-.0855	-.5745	-.5734
241.120		.7291	.7369	.0340	-.5924	-.5814
244.660	.6947	.7436	.7351		-.6195	-.5756
248.200	.6903	.7216	.7266		-.6380	-.5649
251.740	.6890	.7123	.7162			
255.280		.6901	.6146	.0674	-.5000	-.5008
323.510				-.1795	-.3442	-.4927
327.050			.0425	-.1883	-.3481	-.4857
330.590		.0600	.0443	-.1803	-.3415	-.4912
334.130	.0670	.0510	.0161	.0000	-.3481	-.4943
337.670	.0676	.0373	-.0007	.0000	-.3582	
341.210	.0649	.0293	-.0105	.0700		
344.750		.0259	-.0141	.1902		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D+T12+S12N...T10 ET ATTACH PTS.   (RB1233)

ALPHA0(3) = -6.280   BETA0 (1) = -9.970

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6187	.6280	.5879	.4839								
186.380				.6542	.6625	.5903	.3908								
189.920			.6537	.7115	.6918	.4731	.1066								
193.460		.6138	.7110	.7730	.6789	-.0761	-.0588								
197.000	.5259	.6477	.7390	.0000	.0000	-.3099	.0041								
200.540		.6107	.7058	.7027	-.2564	-.1786	.2137								
204.080			.2527	.2335	-.2564	-.1987	-.0664								
207.620				.2190	-.1895	-.1743	-.1168								
222.840											-.0131	-.0040	.0180	.0354	
226.380											.0091	-.0053	.0117	.0305	
229.920										.0164	.0270	-.0450	-.0339	.0315	
233.460									.0337	.0740	.1705	-.2023	.0000	-.1583	
237.000								.0130	.0632	.1488	.0000	.0000	-.2798		
240.540									.0725	.1948	.0000	-.0638	-.1755	-.1660	
244.080										.1431	.1648				
246.200															.1402
337.670															.0542

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4034	-.5375	-.4821
237.580			.2287	-.3955	-.5107	-.4657
241.120		.2537	.2427	-.3105	-.5062	-.4688
244.660	.1615	.1910	.2096		-.5047	-.4985
248.200	.1574	.1889	.2078		-.5070	-.5087
251.740	.1277	.1224	.2329			
255.280		-.1301	-.2396	-.4581	-.3959	-.4082
323.510				-.1971	-.3040	-.4134
327.050		.0105	-.0418	-.2023	-.3133	-.4266
330.590		.0086	-.0373	-.2030	-.3269	-.4389
334.130	.0464	-.0012	-.0528	.0000	-.3506	-.4454
337.670	.0430	.0024	-.0565	.0000	-.3657	
341.210	.0461	.0058	-.0560	-.2174		
344.750						

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 1A14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(3) = -6.280   BETAO (2) = -7.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.6462	.6477	.5929	.4715								
186.360				.6808	.6787	.5909	.3704								
189.920			.6915	.7376	.7050	.4628	.0790								
193.460		.6527	.7571	.8040	.6835	-.1037	-.0259								
197.000	.5464	.6990	.7961	.0000	.0000	-.3145	.0329								
200.540		.6522	.7813	.7922	-.1997	-.1774	.1674								
204.080			.3056	.2478	-.2181	-.1467	-.0592								
207.620				.2725	-.1608	-.1362	-.0577								
222.840											.0193	.0196	.0305	.0526	
226.380											.0297	.0147	.0292	.0491	
229.920											.0534	-.0319	-.0298	.0534	
233.460										.0508	.2051	-.2064	.0000	-.1484	
237.000								.0422	.0679	.1069					
240.540									.0966	.1903	.0000	.0000	-.2787		
244.080									.1051	.2318	.2121	-.0295	-.1712	-.1773	
248.200										.1809					.1628
337.670															.0619

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3826	-.5454	-.4948
237.580				-.3609	-.5096	-.4785
241.120		.2391	.2761	-.2676	-.5046	-.4764
244.660	.1919	.2233	.2417		-.5041	-.4969
248.200	.1841	.2121	.2306		-.5093	-.5107
251.740	.1563	.1593	.2490			
255.280		-.0478	-.1574	-.4205	-.4092	
323.510				-.2096	-.3206	-.4251
327.090			-.0462	-.2167	-.3248	-.4251
330.990		.0082	-.0386	-.2112	-.3334	-.4337
334.130	.0496	.0092	-.0515	.0000	-.3523	-.4429
337.670	.0481	.0077	-.0515	.0000	-.3691	-.4526
341.210	.0498	.0081	.0528	.0000		
344.750		.0059	-.0523	-.2209		

ARC11-716 IA14 04+T12+S12N25+AT10 ET ATTACH PTS.

(RB1233)

ALPHA0(3) = -6.300   BETA0(3) = -6.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI														
182.840				.6420	.6376	.5809	.4557							.8390	.9160
186.380				.6670	.6571	.5678	.3497								
189.920			.6805	.7154	.6761	.4310	.0558								
193.460		.6509	.7349	.7833	.6401	-.1244	.0532								
197.000	.5674	.6933	.7810	.0000	.0000	-.2643	.0951								
200.540		.6496	.7602	.7599	-.1794	-.1472	.2296								
204.080			.2967	.2309	-.1822	-.1310	-.0328								
217.620				.2848	-.1295	-.1249	-.0707								
222.840												.0144	.0285	.0402	
226.380											.0084	.0141	.0278	.0329	
229.920										.0242	.0006	.0025	.0295	
233.460									.0266	.0546	-.0569	.0000	-.0001	
237.000							.0201	.0302	.0574	.1293				
240.540								.0502	.1013	.0000	.0000	-.2084		
244.080								.0624	.1254	.1210	-.0501	-.1420	-.1246	
248.200									.1083					.1790
337.670														.0656

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.4051	-.5124	-.4626
237.580			.2418	-.3800	-.4941	-.4443
241.120		.2532	.2688	-.2620	-.5061	-.4537
244.660	.2101	.2538	.2631		-.5089	-.4964
248.200	.2062	.2506	.2628		-.5174	-.5183
251.740	.1894	.2552	.2616			
255.280		.0578	-.0253	-.3479	-.4331	
323.510				-.2189	-.3336	-.4420
327.050			-.0418	-.2262	-.3386	-.4417
330.590		.0115	-.0371	-.2197	-.3433	-.4509
334.130	.0502	.0108	-.0489	.0000	-.3645	-.4577
337.670	.0341	.0121	-.0495		-.3700	-.4503
341.210	.0573	.0134	-.0484	.0000		
344.750		.0144	-.0455	-.2006		

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (R81235)

ALPHAO(3) = -6.260   BETAO (4) = -3.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.6446	.6383	.5765	.4462								
186.380				.6677	.6545	.5585	.3526								
189.920			.6784	.7107	.6677	.4156	.0406								
193.460		.6482	.7279	.7802	.6300	-.1200	.1185								
197.000	.5805	.6821	.7679	.0000	.0000	-.2115	.1642								
200.540		.6277	.7362	.7289	-.1223	-.0839	.2580								
204.080				.2542	-.1249	-.0773	.0115								
207.620			.3015	.3052	-.0990	-.0732	-.0420								
222.840											.0126	.0102	.0228	.0366	
226.380											.0359	.0128	.0231	.0275	
229.920										.0341	.0881	.0006	.0004	.0202	
233.460								.0315	.0419	.0782	.1828	-.0647	.0000	-.1206	
237.000									.0616	.1226	.0000				
240.540									.0728	.1299	.0000				
244.080										.1013		.0000	-.2112		
248.200											.0979	-.0511	-.1298	-.1177	
337.670														.1046	.0520

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3613	-.4245	-.3604
237.580			.1875	-.3903	-.3890	-.3520
241.120		.2433	.2314	-.3279	-.3514	-.3575
244.660	.2133	.2713	.2759		-.3530	-.3725
248.200	.2180	.2726	.2863		-.3741	-.3992
251.740	.2136	.2420	.2726			
255.280		.1588	.1050	-.2937	-.3879	
323.510			-.0382	-.2297	-.3473	-.4560
327.050		.0112	-.0369	-.2325	-.3484	-.4516
330.590		.0039	-.0555	-.2205	-.3473	-.4586
334.130	.0429	-.0031	-.0636	.0000	-.3706	-.4717
337.670	.0421	-.0049	-.0633		-.3916	-.4840
341.210	.0437	-.0012	-.0628	.0000		
344.750				-.2226		

ARC11-716 IA14 D1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAD(3) = -6.160   BETAO (5) =   .030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5994	.5927	.5349	.4156								
186.380				.6010	.5867	.5015	.3204								
189.920			.5960	.6116	.5760	.3719	.1823								
193.460		.5695	.6137	.6597	.5226	.1026	.3060								
197.000	.5284	.5802	.6288	.0000	.0000	.0684	.3191								
200.540		.5227	.5916	.5706	.0442	.0990	.3701								
204.080			.3022	.2398	.0460	.0836	.1491								
207.620				.3048	.0674	.0874	.1331								
222.840											.1549	.1227	.1101	.1150	
226.390											.2010	.1411	.1208	.1184	
229.920										.1881	.2765	.1380	.1127	.1356	
233.460									.1816	.2397	.3283	.1564	.0000	-.0926	
237.000								.1497	.1951	.2661	.0000	.0000	-.3405		
240.540									.1873	.2438	.1487	-.0725	-.1886	-.1867	
244.080										.1920					.3092
248.200															.0581
337.670															

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3480	-.4750	-.3955
237.580			.3872	-.3094	-.4669	-.3615
241.120		.3784	.4114	-.1973	-.4374	-.3751
244.660	.3353	.3695	.3924		-.4204	-.4276
248.200	.3340	.3719	.4085		-.4335	-.4433
251.740	.3377	.3759	.4254			
255.280		.3168	.2542	-.1957	-.4792	-.4823
323.510			-.0020	-.2070	-.3513	-.4826
327.050			-.0046	-.2240	-.3651	-.4810
330.590	.0552	.0274	-.0331	-.2206	-.3594	-.4836
334.130	.0511	.0191	-.0471	.0000	-.3719	-.4844
337.670		.0102	-.0495		-.3777	
341.210	.0544	.0063	-.0552	.0000		
344.750		.0032		-.2169		

ARC11-716 IA14 C4+T12+S12H2S+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(I 3) = -6.320   BETA(I 6) = 2.000

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5434	.5366	.4873	.3941								
186.380				.5486	.5246	.4586	.3311								
189.920			.5538	.5514	.5067	.3519	.2602								
193.460		.5415	.5662	.5798	.4401	.1816	.3383								
197.000	.5121	.5512	.5811	.0000	.0000	.1431	.3532								
200.540		.4986	.5642	.5376	.0722	.1490	.3035								
204.080			.3156	.2667	.0786	.1169	.1572								
207.620				.3153	.0986	.1212	.1853								
222.840												.2097	.1973	.1947	
226.380											.2595	.2315	.1978	.1970	
229.920										.2943	.3130	.2216	.1678	.2391	
233.460									.2634	.3428	.3755	.2971	.0000	-.0087	
237.000								.2058	.2585	.3444	.968				
240.540									.2320	.2860	.0000	.0000	-.4503		
244.080										.2193	.1666	-.0725	-.2242	-.2539	
248.200															.3607
337.670															.0670

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2497	-.3816	-.3496
237.580			.5159	-.1970	-.3735	-.3502
241.120		.4452	.4554	-.1231	.4010	-.3729
244.660	.3645	.4049	.4179		-.4111	-.4012
248.200	.3606	.4091	.4400		-.4070	-.4195
251.740	.3860	.4036	.4582			
255.280		.3719	.3036	-.1502	-.4674	
323.510				-.1939	-.3399	-.4737
327.050			.0167	-.2080	-.3530	-.477.
330.590		.0510	.0170	-.2035	-.3507	-.4797
334.130	.0785	.0386	-.0103	.0000	-.3672	-.4896
337.670	.0681	.0235	-.0265		-.3789	-.5014
341.210	.0604	.0095	-.0361	.0000		
344.750		.0048	-.0445	-.2208		

ARC11-7:6 IA14 DX+T12+S12N25+AT10 ET ATTACH PTS.   (RB:239)

ALPHA(3) = -6.330   BETA0(7) = 4.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
						PHI									
182.840				.5382	.5317	.4929	.4139								
186.380				.5467	.5285	.4612	.3623								
189.920			.5650	.5590	.5080	.3640	.3095								
193.460		.5592	.5894	.5917	.4294	.2218	.3864								
197.000	.5382	.5837	.6258	.0000	.0000	.1809	.4021								
200.540		.5257	.6022	.5896	.1444	.1581	.4016								
204.080			.3530	.2797	.1496	.1661	.2139								
207.620				.3860	.1758	.1818	.2140								
222.840											.2320	.1992	.1899	.1841	
226.380										.2610	.2636	.2096	.1892	.1795	
229.920									.2436	.2927	.3034	.1938	.1586	.1975	
233.460									.2477	.3067	.3683	.2042	.0000	-.0171	
237.000								.1984							
240.540									.2332	.2818	.0000	.0000	-.3792		
244.080										.2345	.2018	-.0145	-.1639	-.1796	
248.200															.4302
337.670															.0808

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
				PHI		
234.040				-.2813	-.5774	-.4164
237.580			.4765	-.2737	-.5094	-.4159
241.120		.4682	.4866	-.2041	-.4919	-.4567
244.660	.4448	.4676	.4871		-.4984	-.4672
248.200	.4526	.4819	.5204		-.4869	-.5016
251.740	.4646	.4840	.5518			
255.280		.4653	.4076	-.0558	-.5546	-.4691
323.510				-.1931	-.3345	-.4678
327.050		.0567	.0191	-.2024	-.3441	-.4702
330.590		.0538	.0214	-.1933	-.3384	-.4780
334.130	.0876	.0408	-.0020	.0000	-.3528	-.4880
337.670	.0837	.0122		.0000		
341.810	.0013	.0309	-.0189	.0000		
344.790		.0271	-.0242	-.2643		

ARC11-716 IA14 O1+T12+S12+N25+ATIO ET ATTACH PTS.

ALPHAO(3) = -6.360   BETAO (6) = 6.050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF   (RB1233)

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8590	.9180
PHI															
182.840				.5347	.5273	.4903	.4240								
186.580				.5502	.5268	.4658	.3907								
189.820			.5655	.5757	.5145	.3800	.3624								
193.460		.6368		.6382	.4396	.2798	.4214								
197.000	.5694	.6027		.6884	.0000	.1938	.4819								
200.540		.8285		.6736	.2002	.1890	.4175								
204.080		.5555	.6496	.3169	.1997	.2143	.2622								
207.620			.3824	.4521	.2430	.2349	.2550								
222.840											.2604	.2107	.1997	.2041	
226.380											.3001	.2177	.1887	.1908	
229.920											.3529	.1966	.1644	.2158	
233.460									.2961	.3073		.2031	.0000	-.0997	
237.000								.2438	.3091	.3575	.4681				
240.540									.2990	.3853	.0000	.0000	-.4783		
244.080										.3645	.0127		-.1775	-.8341	
248.200										.3104	.2682				.4951
337.670															.0951

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2016	-.5321	-.5168
237.580				-.1639	-.5675	-.5333
241.120		.5458		-.0804	-.5761	-.5275
244.660	.5173	.5375	.5436		-.5902	-.5139
248.200	.5134	.5341	.5558		-.6044	-.5192
251.740	.5092	.5193	.5553			
253.280		.5092	.4542	-.0241	-.5412	
323.810				-.1619	-.3276	-.4651
327.050			.0248	-.1927	-.3356	-.4636
330.590			.0294	-.1841	-.3308	-.4641
334.130	.0070	.0677	.0073	.0000	-.3434	-.4707
337.870	.0941	.0669	-.0030		-.5505	-.4788
341.810	.0963	.0537	-.0108	.0000		
344.750		.0434	-.0131	-.1888		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 C6+T12+S12M25+AT10 ET ATTACH PTS.   (R81235)

ALPHA(3) = -6.270   BETA (9) =   8.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
PHI															
182.840				.5647	.5711	.5372	.4767								
186.380				.5917	.5815	.5114	.4404								
189.920				.6337	.5906	.4299	.4235								
193.460			.5984	.717.	.5727	.3470	.4862								
197.000	.4109	.5540	.6384	.0000	.0000	.3162	.5343								
200.540		.5319	.6182	.6208	.2701	.2982	.5099								
204.080		.4512	.5530	.3348	.2732	.2992	.3452								
207.620			.3559	.4366	.3067	.3051	.3385								
222.840												.2312	.2114	.2132	
226.380											.3011	.2411	.1981	.1997	
229.320									.3478	.3572	.3421	.2162	.1731	.2335	
233.460								.2946	.3605	.4114	.3883	.2325	.0000	-.1361	
237.000									.3491	.4372	.5322				
240.540										.4161	.0000	.0000	-.4921		
244.080										.3605	.3107	.0530	-.1582	-.2301	
248.200															.5787
337.670															.0647

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1484	-.5210	-.5189
237.580			.6680	-.1029	-.5537	-.5514
241.120		.6522	.6654	-.0108	-.5786	-.5606
244.660	.0063	.6366	.6298		-.6005	-.5472
248.200	.0022	.6244	.6317		-.6207	-.5531
251.740	.0019	.6156	.6272			
253.280		.5948	.4286	.0125	-.5200	
323.510				-.1855	-.3382	-.4825
327.090			.0235	-.1983	-.3471	-.4812
330.990		.0507	.0235	-.1907	-.3393	-.4755
334.130	.0089	.0494	-.0012	.0000	-.3474	-.4807
337.670	.0084	.0333	-.0205		-.3547	-.4944
341.210	.0061	.0294	-.0281	.0000		
344.750		.0263	-.0259	-.1939		

ALPHA(3) = -6.260   BETAO (10) =   10.090

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5640	.5814	.5586	.5051								
186.360				.5783	.5801	.5329	.4758								
189.920			.5690	.6043	.5825	.4817	.4676								
193.460		.5071	.5695	.6472	.5614	.4252	.5141								
197.000	.3480	.4497	.5217	.0000	.0000	.4110	.5329								
200.540		.3782	.4601	.5211	.3208	.3995	.5144								
204.080			.3496	.3608	.3265	.3480	.3822								
207.620				.4024	.3398	.3475	.4058								
222.840											.3391	.2563	.2301	.2397	
226.380											.3772	.2682	.2121	.2210	
229.920									.3970	.4029	.4125	.2384	.1926	.2655	
233.460									.4118	.4572	.5903	.2869	.0000	-.1634	
237.000								.3414	.3964	.4860	.0000	.0000	-.4939		
240.540										.4613	.3378	.0891	-.1313	-.2212	
244.080										.4053					
248.200															.6698
337.670															.0329

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1118	-.5278	-.5261
237.580		.7659	.7695	-.0600	-.5621	-.5591
241.120		.7558	.7693	.0516	-.5833	-.5722
244.660	.7130	.7342	.7524		-.6084	-.5656
248.200	.7005	.7153	.7269		-.6233	-.5551
251.740	.6974	.6955	.6997		-.5119	
255.280			.6033	.0500	-.3447	-.4994
323.510			.0274	-.1843	-.3541	-.4955
327.050		.0385	.0253	-.2000	-.3512	-.4900
330.590		.0328	-.0051	-.1942	-.3591	-.4978
334.130	.0534	.0167	-.0213	.0000	-.3685	-.5004
337.670	.0474	.0074	-.0331	.0000		
341.210	.0458	.0037	-.0360	-.2042		
344.790						

ARC11-716 TA14 30+T12+S12M25+ATIO ET ATTACH PTS.   (RB1233)

ALPHAD(0) = -4.290   BETAD (1) = -9.980

SECTION (IIET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.3120	.8190	.8230	.8280	.8340	.8390	.8180
PHI															
102.840				.6013	.6114	.5698	.4656								
166.380				.6336	.6426	.5727	.3783								
189.920			.6373	.6876	.6688	.4591	.0939								
193.460		.5952	.6074	.7403	.6496	-.0931	-.0605								
197.000	.5013	.6249	.7152	.0000	.0000	-.3008	-.0061								
200.540		.5884	.6842	.6797	.2602	-.1837	.1975								
204.080			.2305	.2132	-.2644	-.2037	-.0725								
207.620				.2303	-.1982	-.1798	-.1110								
222.840											.0186	.0258	.0491	.0640	
226.380											.0337	.0234	.0443	.0638	
229.920									.0561	.0432	.0627	-.0059	.0028	.0616	
233.460									.0854	.0922	.1904	-.1464	.0000	-.1094	
237.000								.0392		.1635					
240.540									.0983	.2039	.0000	.0000	-.2425		
244.080										.1636	.1767	-.0383	-.1478	-.1271	
248.200															.1727
337.670															.0592

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3931	-.5354	-.4827
237.580			.2608	-.3761	-.5097	-.4643
241.120		.2338	.2785	-.2919	-.5075	-.4670
244.660	.1963	.2272	.2473		-.5059	-.4986
248.200	.1913	.2203	.2547		-.5091	-.5127
251.740	.1695	.1743	.2690			
255.280	-.0055	-.0916	-.0916	-.3766	.4141	
323.510				-.2067	-.3200	-.4303
327.050			-.0392	-.2115	-.3246	-.4346
330.590		.0144	-.0349	-.2048	-.3355	-.4441
334.130	.0446	.0092	-.0323	.0000	-.3565	-.4511
337.670	.0483	.0044	-.0561		-.3729	-.4596
341.210	.0524	.0024	-.0564	.0000		
344.750	.0562	.0047	-.0556	-.2263		

ARC11-716 IA14 CA+TI2+S12N25+ATIO ET ATTACH PTS.   (RB1233)

ALPHA0(4) = -4.830   BETA0(2) = -7.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6250	.6280	.6340	.6390	.6460
PHI															
192.840				.6341	.6346	.5777	.4580								
186.380				.6674	.6611	.5719	.3996								
189.920			.6930	.7245	.6814	.4420	.0693								
193.460		.6566	.7547	.7801	.6533	-.1178	.0395								
197.000	.3468	.7113	.8099	.8099	.0000	-.3179	-.0289								
200.540		.6783	.8115	.8398	-.2398	-.2128	.1442								
204.080			.3454	.2973	-.2577	-.1762	-.1017								
207.620				.3052	-.1830	-.1723	-.1135								
222.840											.0475	.0488	.0635	.0827	
226.380											.0573	.0467	.0624	.0774	
229.920										.0728	.0807	.0085	.0150	.0776	
233.460									.0857	.1238	.2127	-.1415	.0000	-.1037	
237.000								.0672	.1175	.2009	.0000	.0000	-.2416		
240.540									.1297	.2435	.2219	-.0019	-.1378	-.1405	
244.080										.1998					
248.280															.2041
337.670															.0702

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI						
234.040				-.3679	-.5362	-.4990
237.580			.3150	-.3427	-.5126	-.4735
241.120		.2859	.3253	-.2314	-.5190	-.4628
244.660	.2337	.2695	.2914		-.5195	-.5040
248.200	.2260	.2544	.2727		-.5296	-.5269
251.740	.2105	.2195	.2785			
255.280		.0746	-.0109	-.3454	-.4751	-.4581
323.510				-.2269	-.3486	-.4477
327.090			-.0297	-.2205	-.3388	-.4352
330.590		.0249	-.0240	-.1993	-.3316	-.4376
334.130	.0618	.0207	-.0409	.0000	-.3417	-.4448
337.670	.0587	.0154	-.0437			
341.210	.0606	.0125	-.0459	.0000		
344.750		.0120	-.0445	-.2200	-.3566	

DATE 27 JAN 75   TABULATED PRESSURE DATA - DATA A - VOL. II

AIRCRAFT DATA 2A+TI2+S12+S12+S25+ATIO ET ATTACH PTS.   (RB12531)

ALPHA(MIN) = -4.180   BETA(3) = -5.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3010	.3070	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6180
182.840				.6433	.6380	.5774	.4478								
188.380				.6695	.6602	.5673	.3439								
188.920			.6824	.7184	.5790	.4324	.0503								
193.460		.6552	.7393	.7874	.6538	.1269	.0239								
197.000	.5759	.6937	.7895	.0000	.0000	.2856	.0736								
206.540		.6520	.7647	.7647	.2229	.1622	.2360								
204.080			.5022	.2276	.2254	.1669	.0549								
237.620				.2794	.1874	.1653	.1228					.0497	.0637	.0784	
222.840											.0492	.0519	.0640	.0704	
226.380										.0637	.0640	.0384	.0451	.0640	
229.920								.0580		.0964	.0967	-.0036	.0000	-.0415	
233.460									.0677	.1344	.1676				
237.000									.0824	.1407	.0000	.0000	-.1365		
240.540									.0914	.1241	.1299	-.0090	-.0987	-.0678	
244.080															.2177
248.250															.0760
337.570															

X/T	.6210	.6270	.6320	.9380	.9430	.9480
234.040				-.4047	-.5215	-.4745
237.580		.2912	.2427	-.4001	-.5130	-.596
241.120		.3068	.2659	-.2799	-.5074	-.4681
244.660	.2515	.2912	.3075		-.5239	-.5211
248.200	.2502	.2912	.2952		-.5411	-.5405
251.740	.2342	.2593	.2653			
255.280		.1565	.0924	-.3181	-.5160	-.4759
325.510				-.2284	-.3609	-.4798
327.050			-.0243	-.2435	-.3721	-.4780
330.590	.0059	.0257	-.0166	-.2233	-.3609	-.4631
334.130	.0635	.0292	-.0363	.0000	-.3641	-.4631
337.670	.0680	.0220	-.0426	.0000	-.3593	-.4458
341.810		.0178	-.0431	-.2545		
344.730		.0173	-.0447			

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11   (RB1233)

ARC11-716 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.

ALPHAO(4) = -4.170   BETAO (4) = -3.950

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.8180
PHI															
182.840				.6171	.6187	.5668	.4441								
186.380				.6398	.6338	.5527	.3371								
189.920			.6435	.6760	.6485	.4188	.0559								
193.460		.6145	.6810	.7358	.5137	-.0816	.1309								
197.000	.5546	.6351	.7397	.0000	.0000	-.1421	.1894								
200.540		.5749	.6715	.6599	-.1187	-.0356	.3081								
204.080			.2510	.1769	-.1187	-.0756	.0409								
207.620				.2489	-.0870	-.0663	-.0274								
222.840											.0417	.0367	.0480	.0581	
226.380										.0652	.0636	.0409	.0512	.0544	
229.920								.0533		.1063	.1189	.0296	.0266	.0533	
233.460									.0691	.1465	.2045	-.0266	.0000	-.0929	
237.000									.0862	.1489	.0000	.0000	-.1681		
240.540									.0920	.1184	.1073	-.0369	-.0977	-.0929	
244.080															
248.200															.2105
337.670															.0631

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3652	-.4254	-.3564
237.580		.2478	.2264	-.3869	-.3877	-.3511
241.120		.2816	.2610	-.3405	-.3469	-.3519
244.660	.2301	.2816	.2927		-.3471	-.3623
248.200	.2457	.3111	.3251		-.3628	-.3857
251.740	.2521	.2929	.3475			
255.280		.2278	.1827			
323.510			-.0333	-.2463	-.4072	-.4627
327.050		.0133	-.0223	-.2180	-.3461	-.4749
330.590		.0120	-.0413	-.2328	-.3634	-.4941
334.130	.0392	.0085	-0.74	-.2315	-.3724	-.5028
337.670	.0557	.0046	-.0493	.0000	-.3912	-.4914
341.210	.0500	.0006	-.0585	.0000	-.3918	
344.750				-.2153		

ARC11-716 1A14 01+T12+S12N25+AT10 ET ATTACH PTS. (RB1233)

ALPHA0(4) = -4.150 BETA0(5) = -2.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.5746	.5804	.5309	.4256
186.380				.5796	.5833	.5167	.3235
189.920			.5625	.8009	.5785	.3776	.1111
193.460		.5272	.5751	.6415	.5399	.0336	.2332
197.000	.4695	.5288	.5820	.0000	.0000	.0049	.2713
200.540		.4701	.5414	.5130	-.0268	.0949	.3400
204.080			.2223	.1591	-.0255	.0221	.0868
207.620				.2365	.0054	.0229	.0915
222.840												.0683	.0705	.0766
226.380											.0725	.0717	.0710	.0721
229.920										.0939	.0970	.0683	.0702	.0708
233.460								.0968	.1326	.1666	.1602	.0375	.0000	-.0686
237.000							.0815	.1105	.1660	.2329			
240.540									.1626	.0000	.0000	-.1590	-.0793
244.080								.1131	.1276	.1120	-.0282	-.0745	-.0793
248.200															.2466
337.670															.0655

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.3740	-.4511	-.3778
237.580		.2682	.2516	-.3889	-.4164	-.3621
241.120			.3059	-.3160	-.3928	-.3794
244.660	.2570	.2932	.3180		-.3971	-.4145
248.200	.2713	.3122	.3541		-.4137	-.4366
251.740	.2858	.3106	.4066
255.280		.2763	.2276	-.1887	-.4711
323.510				-.2245	-.3515	-.4642
327.050		-.0249	-.0269	-.2218	-.3451	-.4547
330.590		.0188	-.0232	-.2067	-.3411	-.4592
334.130	.0604	.0125	-.0394	-.0000	-.3661	-.4754
337.670	.0620	.0096	-.0413	.0000	-.3893	-.4991
341.210			-.0413	.0000
344.790	.0665	.0106	-.0413	-.2226

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (R81233)

ALPHAO(4) = -4.080   BETAO (6) = -.010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
182.840				.5532	.5490	.5072	.3993								
186.380				.5521	.5392	.4725	.3205								
189.920			.5440	.5569	.5274	.3555	.1978								
193.460		.5110	.5482	.5937	.4827	.1237	.2916								
197.000	.4713	.5116	.5542	.0000	.0000	.0766	.3112								
200.540		.4552	.5142	.4858	.0085	.1529	.3625								
204.080			.2421	.1776	.0111	.0993	.1128								
207.620				.2456	.0416	.0630	.1448								
222.840											.1691	.1440	.1407	.1392	
226.380											.2180	.1614	.1466	.1452	
229.920										.1959	.2890	.1648	.1400	.1595	
233.460								.1540	.1851	.2473	.3254	.1872	.0000	-.0246	
237.000									.1951	.2653	.0000	.0000	-.2501		
240.540									.1859	.2323	.1472	-.0452	-.1395	-.1403	
244.080										.1846					
248.200															.3338
337.670															.0667

PHI X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.4008	-.3527	-.4651	-.3809
237.580		.3858	.4292	-.3159	-.4526	-.3429
241.120		.3847	.4116	-.2019	-.4197	-.3663
244.660	.3539	.3821	.4158		-.4128	-.4170
248.200	.3544	.3779	.4490		-.4171	-.4310
251.740	.3551	.3497	.2929	-.1412	-.4907	
255.280				-.2125	-.3556	-.4788
323.510				-.2279	-.3633	-.4751
327.050		.0264	-.0087	-.2194	-.3514	-.4698
330.590		.0238	-.0101	.0000	-.3572	-.4663
334.130	.0806	.0185	-.0324	.0000	-.3601	-.4647
337.670	.0568	.0146	-.0378	.0000		
341.210	.0570	.0106	-.0392	-.2122		
344.750			-.0413			

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(4) = -4.210   BETAO (7) = 2.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	PHI .3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5051	.4996	.4696	.3830								
186.380				.5093	.4917	.4371	.3231								
189.920			.9056	.5083	.4732	.3336	.2436								
193.460		.4693	.5157	.5307	.4092	.1779	.3100								
197.000	.4669	.4972	.5283		.0000	.1231	.3331								
200.540		.4487	.5093	.4764	.0396	.1597	.3691								
204.080			.2736	.2253	.0459	.0893	.1228								
207.620				.2804	.0684	.0893	.1748					.2105	.2058	.2037	
222.840											.2490	.2321	.2079	.2121	
226.380											.3007	.2369	.1875	.2290	
229.920									.2445	.2738	.3643	.2772	.0000	.0601	
233.460									.2408	.3123	.3451				
237.000								.2023	.2205	.3036	.0000	.0000	-.3376		
240.540										.2561	.1698	-.0386	-.1669	-.1570	
244.080										.2102					.3794
248.200															.0665
337.670															

X/LT	PHI .9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3065	-.4707	-.3439
237.580			.4365	-.2892	-.4335	-.3633
241.120		.4130	.4405	-.2241	-.4082	-.3931
244.660	.3945	.4138	.4281		-.4189	-.4099
248.200	.3998	.4257	.4706		-.4157	-.4349
251.740		.4339	.5081			
255.280	.4143	.4157	.3552	-.0931	-.5069	
323.510			.0133	-.1989	-.3450	-.4747
327.050		.0445	.0141	-.2116	-.3556	-.4750
330.590		.0337	-.0127	-.2039	-.3524	-.4782
334.130	.0780	.0191	-.0270	.0000	-.3663	-.4838
337.670	.0673	.0110	-.0320		-.3753	-.4952
341.210	.0603	.0099	-.0424	.0000		
344.750				-.2135		

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (R81233)

ALPHA0(4) = -4.200   BETA0 (8) = 4.090

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.5165	.5120	.4790	.4030								
186.380				.5217	.5046	.4416	.3536								
189.920			.5315	.5258	.4815	.3546	.2980								
193.460		.5331	.5531	.5544	.4072	.1971	.3641								
197.000	.5120	.5489	.5947	.0000	.0000	.1511	.3779								
200.540		.4909	.5865	.5499	.0895	.1368	.4027								
204.080			.3066	.2300	.0945	.1284	.1715								
207.620				.3461	.1208	.1269	.1866								
222.840												.2195	.2142	.2128	
226.380											.2486	.2272	.2102	.2044	
229.920									.2607	.2707	.2733	.2130	.1880	.2131	
233.460										.3066	.3219	.2006	.0000	.0141	
237.000									.2681	.3240	.3796				
240.540								.2264	.2565	.3024	.0000	.0000	-.2803		
244.080										.2623	.2298	.0263	-.1094	-.1067	
248.200															.4660
337.670															.0762

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2866	-.5484	-.4139
237.580		.4889	.4915	-.2763	-.5107	-.3838
241.120		.4973	.5123	-.1942	-.4921	-.4278
244.660	.4750	.5063	.5168		-.4934	-.4535
248.200	.4816	.4981	.5382		-.4884	-.4851
251.740	.4906	.4847	.5548			
255.280			.4343	-.0352	-.5436	
323.510			.0088	-.1995	-.3401	-.4716
327.050			.0138	-.2091	-.3473	-.4700
330.590			-.0092	-.1993	-.3409	-.4721
334.130	.0818	.0492	-.0092	.0000	-.3563	-.4798
337.670	.0802	.0376	-.0150	.0000	-.3661	-.4899
341.210	.0758	.0289	-.0211			
344.750		.0236	-.0254	-.2059		

ARC11-7:6 TA14 CX+T12+S12N25+ATIO ET ATTACH PTS   (R01235)

A_PHA0(4) = -4.210   BETA0(2) = 6.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4991	.4973	.4640	.4006								
186.380				.5162	.4988	.4407	.3659								
189.920			.5466	.5483	.4933	.3505	.3325								
193.480	.5598	.6061		.6151	.4298	.1874	.4006								
197.000	.5078	.5817	.6493	.0000	.0000	.1188	.4285								
200.540		.5054	.6117	.6448	.1334	.1303	.3985								
204.080			.3260	.2663	.1310	.1528	.2216								
207.620				.4015	.1767	.1728	.1939								
222.840											.2887	.2466	.2393	.2390	
226.380											.3234	.2540	.2282	.2261	
229.920											.3751	.2356	.2021	.2472	
235.460										.3311	.3751	.2295	.0000	-.0287	
237.000								.2779	.3230	.3778	.4810				
240.540									.3338	.3991	.0000	.0000	-.3888		
244.080									.3232	.3828		.0493	-.1289	-.1661	
248.200										.3324	.2938				.5552
337.670															.0913

x/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2031	-.5617	-.4925
237.580		.6050	.6327	-.1694	-.5412	-.5007
241.120		.6016	.6271	-.0705	-.5611	-.4885
244.660	.5787	.5987	.6161		-.5746	-.5034
248.200	.5784	.5840	.6205		-.5898	-.5072
251.740	.5760	.5665	.6153			
255.280			.5586	.0074	-.5248	
323.510				-.1914	-.3309	-.4671
327.050		.0583	.0170	-.1982	-.3404	-.4658
330.590		.0559	.0209	-.1889	-.3314	-.4642
334.130	.0902	.0483	.0004	.0000	-.3423	-.4687
337.670	.0876	.0425	-.0053		-.3481	-.4740
34..210	.0936	.0420	-.0198	.0000		
344.750			-.0116	-.1839		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T1:2+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(4) = -4.200   BETA0 (10) = 8.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8540	.8390	.9180
PHI															
182.840				.5115	.5205	.4939	.4347								
186.380				.5335	.5242	.4631	.3910								
189.920				.5634	.5295	.3798	.3623								
193.460			.5377	.5634	.5027	.2643	.4228								
197.000	.3747	.4922	.5610	.6370	.0000	.2339	.4483								
200.540		.4734	.5001	.5507	.1844	.2195	.4337								
204.080		.3977	.2998	.2722	.1867	.2120	.2565								
207.620				.3633	.2234	.2190	.2530								
222.840											.3294	.2675	.2553	.2548	
226.380											.3671	.2759	.2406	.2424	
229.920										.3840	.4069	.2491	.2213	.2762	
233.460									.3782	.4345	.5528	.2728	.0000	-.0679	
237.000								.3242	.3890	.4588	.0000	.0000	-.4159		
240.540									.3758	.4369	.3265	.0908	-.1009	-.1667	
244.080															.6276
248.200															.0800
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
214.040				-.1242	-.4978	-.4962
237.580			.7425	-.0821	-.5351	-.5328
241.120		.7141	.7264	.0238	-.5571	-.5432
244.660	.6645	.6977	.6927		-.5868	-.5405
248.200	.6569	.6806	.6769		-.6014	-.5286
251.740	.6519	.6674	.6680	.0278	-.5169	-.4832
255.280		.6416	.5634	-.1913	-.3386	-.4821
323.510			.0128	-.2038	-.3502	-.4774
327.050		.0475	.0180	-.1979	-.3431	
330.390	.0731	.0404	-.0103	.0000	-.3505	-.4845
334.130		.0325	-.0200			-.4869
337.670	.0658		-.0253	.0000	-.3574	
341.210	.0626	.0241	-.0267			
344.750		.0241		-.1977		

DATE 02 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CA+712+S12N25+ATIO ET ATTACH PTS.   (RB1233)

ALPHAO(4) = -4.160   BETAO (11) = 10.090

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT / PHI	.3510	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.5032	.5232	.5059	.4605								
186.380				.5145	.5243	.4871	.4269								
189.920			.4980	.5401	.5256	.4280	.4118								
193.460		.4198	.4980	.5843	.5100	.3516	.4498								
197.000	.2714	.3725	.4472	.0000	.0000	.3183	.4558								
200.540		.2972	.3853	.4485	.2458	.3378	.4368								
204.080			.2619	.2764	.2485	.2662	.2995								
207.620				.3217	.2586	.2727	.3326								
222.840											.3581	.2881	.2711	.2737	
226.380										.4205	.3960	.2976	.2535	.2587	
229.920									.4150	.4708	.4313	.2694	.2345	.3014	
233.460									.4279	.4950	.6006	.3052	.0000	-.0742	
237.000								.3647	.4137	.4726	.0000	.0000	-.3989	-.1524	
240.540										.4202	.3571	.1207	-.0787		
244.080															.6930
248.200															.0222

X/LT / PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.0947	-.5125	-.5119
237.580		.7959	.8169	-.0489	-.5496	-.5467
241.120		.7856	.8040	.0625	-.5697	-.5615
244.660	.7414	.7614	.7922		-.5954	-.5576
248.200	.7280	.7364	.7588		-.6081	-.5477
251.740	.7225	.7143	.7127	.0477	-.5138	
255.280			.6169	-.1972	-.3535	-.5037
323.510			.0099	-.2141	-.3673	-.5050
327.050		.0264	.0028	-.2120	-.3673	-.5008
330.590		.0138	-.0289	.0000	-.3703	-.5069
334.130	.0415	-.0026	-.0417		-.3798	-.5106
337.670	.0315	-.0106	-.0499	.0000		
341.210	.0270	-.0074	-.0523	-.2165		

ARC11-716 1A14 01+T12+S12N25+AT10 ET ATTACH PTS.   (RB1253)

ALPHA(1 5) = -2.870   BETA0(1) = -10.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5933	.6027	.5629	.4599								
186.380				.6249	.5335	.5658	.3725								
189.920			.6251	.6759	.6599	.4552	.0937								
193.460		.5643	.6746	.7294	.6404	-.0904	-.0567								
197.000	.4885	.6185	.7030	.0000	.0000	-.3003	-.0943								
200.540		.5746	.6817	.6925	.2679	-.1919	.1910								
204.080			.2368	.2005	-.2676	-.2035	-.0749								
207.620				.2023	.2009	-.1823	-.1108								
222.840												.0481	.0729	.0861	
226.380											.0462	.0592	.0711	.0816	
229.920											.0628	.0175	.0284	.0851	
233.460									.0810	.0702 .1200	.0902	-.1132	.0000	-.0876	
237.000								.0633	.1100	.1916	.2237	.0000			
240.540									.1205	.2282	.0000	.0000	-.2272		
244.080										.1669	.1932	-.0246	-.1227	-.1094	
248.200															.1961
337.670															.0563

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.2180	.2567	.2878	-.3841	-.5331	-.4873
237.580	.2130	.2569	.3012	-.3645	-.5119	-.4711
241.120	.1990	.2405	.2775	-.2598	-.5182	-.4589
244.660		.2036	.2651		-.5190	-.5048
248.200		.0801	.2659		-.5299	-.5290
251.740			.0046			
255.280				-.3351	-.4966	
323.210				-.1923	-.3109	-.4235
327.050		-.0334	-.0334	-.2907	-.3160	-.4259
330.590	.0179	-.0329	-.0492	-.1989	-.3298	-.4368
334.130	.0497	.0104	-.0552	.0000	-.3542	-.4464
337.670	.0476	.0051	-.0571		-.3757	-.4581
341.210	.0458	.0015	-.0574	.0000		
344.750		.0017		-.2288		

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS. (RB1233)

ALPHA(SI) = -2.070 BETA0 (2) = -8.030

SECTION (1) ET ATTACH POINTS DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6227	.6235	.5691	.4502								
186.380				.6552	.6463	.5626	.3528								
189.920			.6752	.7056	.6621	.4351	.0670								
193.460		.6489	.7348	.7563	.6264	-.1298	-.0380								
197.000	.5558	.7012	.7802	.0000	.0000	-.3010	.0389								
200.540		.6697	.7912	.8232	-.2671	-.2119	.1847								
204.080			.3434	.3180	-.2732	-.1990	-.1079								
207.620				.3350	-.2070	-.1949	-.1235								
222.840												.0658	.0827	.1019	
226.380											.0653	.0642	.0816	.0940	
229.920										.0921	.0795	.0311	.0359	.0953	
233.460									.1021	.1394	.1081	-.0895	.0000	-.0738	
237.000								.0816	.1323	.2080	.2369				
240.540									.1446	.2482	.0000	.0000	-.2191		
244.080										.2090	.2279	.0070	-.1155	-.1179	
248.200															.2297
337.670															.0706

X/LT	.9210	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040				-.3670	-.5406	-.4977									
237.580			.3194	-.3459	-.5238	-.4773									
241.120		.3191	.3436	-.2276	-.5279	-.4667									
244.660	.2673	.3178	.3296		.5311	.5215									
248.200	.2536	.2887	.2947		.5445	.5441									
251.740	.2402	.2500	.2771												
255.280		.1571	.0613	-.3242	-.5223	-.4495									
323.510				-.2120	-.3363	-.4357									
327.050			-.0232	-.2078	-.3250	-.4291									
330.590			-.0203	-.1901	-.3220	-.4291									
334.130	.0635	.0295	-.0378	.0000	-.3363	-.4307									
337.670	.0585	.0219	-.0451		-.3591	-.4421									
341.210	.0584	.0167	-.0462	.0000											
344.750		.0093	-.0467	-.2242											

ARC11-716 1A14 Q1+T12+S12+N25+AT10 ET ATTACH PTS.   (R81233)

ALPHA(1) = -8.870   BETA0(3) = -5.960

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8260	.8340	.8300	.8180
182.840				.6410	.6431	.5834	.4527								
186.380				.6739	.6671	.5761	.3511								
189.920			.6855	.7280	.6873	.4439	.0595								
193.460		.6565	.7430	.7932	.6670	-.1126	.0209								
197.000	.5870	.6883	.7919	.0000	-.2827	-.0657									
200.540		.6476	.7596	.7625	-.2221	-.1532	-.2457								
204.080			.5032	.2230	-.2237	-.1683	-.0460								
237.620				.2754	-.1916	-.1613	-.1230								
222.640												.0624	.0778	.0904	
226.380												.0643	.0728	.0828	
229.920										.0798		.0598	.0712	.0778	
233.460									.0827	.1118	.0619	.0122	.0000	-.0297	
237.000								.0672	.0942	.1426	.0819				
240.540									.0992	.1413	.1224	.0000	-.1230		
244.080										.1242	.1873	.0015	-.0674	-.0463	
248.200											.0000	.0000			
337.670											.1229			.2362	.0780

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.4064	-.5176	-.4695
237.580		.2903	.2251	-.4157	-.5010	-.4637
241.120		.3216	.2814	-.3150	-.4941	-.4724
244.660	.2657	.3287	.3269	.5060	-.5178	
248.200	.2725	.2916	.3348		-.5253	-.529
251.740	.2636		.2945			
255.280		.2232	.1606	-.2613	-.5178	
323.510				-.2266	-.3630	-.4830
327.050			-.0169	-.2503	-.3566	-.4736
330.190		.0322	-.0190	-.2038	-.3407	-.1584
334.130	.0606	.0262	-.0350	.0000	-.3439	-.4436
337.670	.0630	.0193	-.0415		-.3484	-.4359
341.210	.0630	.0154	-.0446	.0000		
344.750		.0138	-.0349	-.2675		

DATE 07 JAN 71   TABULATED PRESSURE DATA - IA144 - VOL. II

AROS1-716 IA14 CA+T12+S12N25+ATIO ET ATTACH PTS.   (RB:233)

ALPHAC 3) = -2.460   BETAO 4) = -3.920

SECTION 6 1 IET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.5570	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9100
182.840				.6145	.6071	.5595	.4409								
186.380				.6243	.6216	.5452	.3397								
189.920			.6190	.6559	.6335	.4174	.0692								
193.460		.5779	.6467	.7075	.8035	-.0424	.1428								
197.000	.5236	.5933	.6654	.0000	.0000	-.0969	.2192								
200.540		.5352	.6243	.9034	-.1047	.0186	.3201								
204.080			.2249	.1451	-.1096	-.0582	.0484								
207.620				.2276	-.0637	-.0533	.0093								
222.840											.0620	.0575	.0642	.0819	
226.380											.0820	.0633	.0640	.0737	
229.920										.0833	.1322	.0543	.0592	.0693	
233.460									.0849	.1188	.2146	.0091	.0000	-.0586	
237.000								.0709	.0972	.1528					
240.540									.1014	.1520	.0000	.0000	-.1255	-.0635	
244.080										.1217	.1117	-.0226	-.0628	-.0655	
248.200															.2337
337.670															.0698

X/T	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3606	-.4215	-.3468
237.580		.2324	.2297	-.3828	-.3802	-.3441
241.120		.2800	.2763	-.3510	-.3460	-.3532
244.660	.2432	.3119	.2961	-.3490	-.3683	
248.200	.2011	.3143	.3528	-.3611	-.3890	
251.740	.8012	.2777	.4234			
255.280			.2379	-.1896	-.4429	
323.510				-.2201	-.3553	-.4766
327.030			-.0159	-.2360	-.3749	-.4891
330.590			-.0081	-.2244	-.3704	-.4952
334.130	.0666	.0302	-.0316	.0000	-.3778	-.4885
337.670	.0603	.0238	-.0415		-.3717	-.4721
341.210	.0536	.0167	-.0455	.0000		
344.750		.0099	-.0547	-.2108		

AGC11-7:6 IA14 DA+T12+S12N25+AT10 ET ATTACH PTS.   (R81233)

ALPHA (DEG) = -2.860   BETA (DEG) = -2.000

SECTION ( )IET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.040				.5472	.5901	.5171	.4176								
186.380				.5506	.5590	.4913	.3206								
189.920			.5343	.5666	.5552	.3722	.1299								
193.460		.4920	.5412	.6168	.5182	.0674	.2383								
197.000	.4458	.4934	.5456	.0000	.0000	.6408	.2795								
210.540		.4556	.4994	.4700	-.0237	.1330	.3316								
214.080			.1955	.1246	-.0206	-.0291	.0822								
217.620				.2173	.0100	.0291	.1145								
222.840											.0893	.0853	.0879	.0948	
226.380											.1150	.0879	.0877	.0911	
229.920									.1113	.1082	.1679	.0869	.0871	.0927	
233.460								.1213	.1447	.2302	.0740	.0050	-.0298	
237.000							.0943	.1192	.1729	.0000	.0000	-.1065	-.0900		
240.540									.1624	.1156	-.0036	-.0900	-.0007	
244.080									.1308						
246.270														.2801
337.670														.0747

X/T	.9210	.9270	.9320	.9380	.9430	.9480									
PHI															
234.040				-.3662	-.4292	-.3679									
237.580			.2537	-.3874	-.4046	-.3536									
241.120		.2724	.3134	-.3207	-.3829	-.3674									
244.660	.2635	.2955	.3171		.0898	-.4345									
248.200	.2757	.3057	.3547		-.4101	-.4234									
251.740	.2902	.3050	.4044												
255.280		.2662	.2258	-.1708	-.4642										
323.510				.2116	-.3387	-.4539									
327.050			-.0209	-.2136	-.3403	-.4 29									
330.590	.0737	.3901	-.0012	-.2075	-.3467	-.4690									
334.130	.0755	.0267	-.0262	.0000	-.3751	-.4897									
337.670	.0780	.0230	-.0271		-.3937	-.5077									
341.210		.0098	-.0320	.0720											
344.750		.0204	-.0351	-.2112											

DATE OF RUN...

... PRESSURE DATA - DATA - DATA - RUN 11

ABC11-116 DATA C4=T12=S12=N25=AT10 ET ATTACH PTS.

$\text{ALPHA(} 5) = -2.850 \quad BETA(6) = .020 \quad ...(E:255)$

SECTION 1 (JET ATTACH POINTS)

DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4060	.4150	.4190	.4240	.6070	.6120	.8180	.8230	.8280	.8340	.8390	.9180
182.040				.5233	.5241	.4849	.3891								
186.380				.5241	.5175	.4557	.3095								
189.920			.5123	.5289	.5025	.3444	.1397								
193.460			.5228	.5604	.4638	.1224	.2791								
197.000		.4851	.5183	.0000	.0000	.0813	.3038								
200.340	.4444	.4628	.4617	.4515	.0020	.1599	.3468								
204.080		.4310	.2351	.1633	.0153	.047	.0025								
207.620				.2312	.0316	.0511	.1491								
222.840											.1813	.1557	.1580	.539	
226.380										.2052	.2305	.1749	.1642	.1610	
228.220									.1925	.2501	.3026	.1836	.1581	.1755	
233.460								.1610	.1989	.2645	.3163	.2063	.0000	.0038	
237.000									.1907	.2315	.0000	.0000	-.2175	-.1220	
243.540										.1836	.1481	-.0287	-.1194		
244.080															.3458
244.290															.0679
337.670															

X/T	.8210	.9270	.936	.9360	.9430	.9490
234.040			.4015	-.3511	-.4562	-.3682
237.580		.3878	.4375	-.3214	-.4456	-.3374
241.120		.3909	.4149	-.2050	-.4101	-.3613
244.660	.3610	.3857	.4173		-.3988	-.4070
248.200	.3615	.3734	.4425		-.4133	-.4213
251.740	.3647	.3396	.2925	-.1339	-.4943	
255.280				-.2202	-.3584	-.4775
323.910			-.0148	-.2324	-.3605	-.4605
327.030		.0203	-.0121	-.2134	-.3427	-.4595
330.590		.0262	-.0329	.0000	-.3478	-.4568
334.130	.0640	.0217	-.0354		-.3552	-.4606
337.670	.0628	.0183	-.0362	.0000		
341.210	.0633	.0185	-.0309	-.2118		
344.750						

ARC11-716 IA14 D4+T!2*S12N25*AT10 ET ATTACH PTS.   (R81?33)

ALPHAO(5) = -2.850   BETAO (7) =   2.020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE C?

X/LT	.3510	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
152.540				.4878	.4860	.4529	.3763								
186.380				.4854	.4752	.4209	.3148								
39.920			.4796	.4886	.4512	.3249	.2418								
193.46.			.4920	.5036	.3917	.1685	.3020								
197.000	.4514	.4791	.5070	.0000	.0000	.1237	.3255								
200.540		.4801	.4881	.4578	.0338	.1667	.3554								
204.080		.4351	.2638		.0387	.0770	.1122								
207.620				.2741	.0604	.0828	.1748								
222.840											.2501	.2179	.2171	.2177	
226.380											.2957	.2395	.2198	.2256	
229.920											.3495	.2480	.2148	.2324	
233.460									.2430	.2670	.3213	.2859	.0000	.0936	
237.000								.2045	.2374	.2960		.2085			
240.540									.2229	.2519	.0000	.0000	-.2594		
244.080										.2147	.1755	-.0108	-.1234	-.0957	
248.200															.4036
337.670															.0646

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3241	-.4816	-.3463
237.580				-.3260	-.4326	-.3667
241.120				-.2637	-.4159	-.4026
244.660	.4099	.4353	.4590		-.4273	-.4172
248.200	.4218	.4490	.4938		-.4220	-.4414
251.740	.4418	.4548	.5378			
255.280		.4450	.3897	-.0638	-.5269	-.4775
323.510				-.2011	-.3455	-.4773
327.050			.0104	-.2131	-.3561	-.4767
330.590		.0397	.0128	-.2059	-.3513	-.4818
334.130	.0720	.0291	-.0148	.0000	-.3630	-.4868
337.670	.0652	.0194	-.0301	.0000		
341.210	.0592	.0143	-.0407	.0000		
344.750		.0136	-.0407	-.2056		

ARC11-716 1A14 O1+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

ALPHA0(9) = -2.770   BETA0(8) = 4.100

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

PHI \ X/LT	.3910	.3970	.3920	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8540	.8390	.9160
182.840				.4916	.4903	.4611	.3906								
186.380				.4921	.4777	.4277	.3413								
189.920			.5024	.4968	.4527	.3426	.2931								
193.460		.5071	.5271	.5166	.3839	.1963	.3518								
197.000	.4976	.5315	.5628	.0000	.0000	.1348	.3711								
200.540		.4745	.5583	.5397	.0535	.1394	.3930								
204.080			.2861	.2106	.0698	.1086	.1517								
207.620				.3249	.0995	.1078	.1799								
222.840											.2627	.2376	.2280	.2301	
226.380											.2922	.2432	.2269	.2203	
229.920										.2893	.3507	.2255	.2056	.2316	
233.460									.2827	.3328	.4164	.2028	.0000	.0256	
237.000								.2474	.2904	.3547	.0000	.0000	-.2302		
240.540									.2801	.3318	.2606	.0534	-.0770	-.0707	
244.080										.2862					.5048
248.200															.0779
337.670															

PHI \ X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.2906	-.5419	-.4514
237.580			.5215	-.2669	-.5130	-.4111
241.120		.5281	.5558	-.1745	-.5117	-.4281
244.660	.5168	.5381	.5579		-.5016	-.4642
248.200	.5247	.5463	.5855		-.5903	-.4915
251.743	.5345	.5439	.5990			
255.280		.5291	.4768	-.5317	-.4702	
323.510			.0095	-.0079	-.3386	-.4683
327.050			.0156	-.1977	-.3468	-.4713
330.590		.0507	-.0067	-.2081	-.3417	-.4790
334.130	.5144	.0465	-.0156	-.1980	-.3553	-.4877
337.670	.5326	.0383	-.0224	.0000	-.3649	
341.210	.0760	.0260	-.0240	.0000		
344.750		.0219		-.2033		

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ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAC(9) = -2.790   BETAO (9) = 6.120

SECTION (9)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
162.840				.4809	.4796	.4477	.3891								
166.380				.4980	.4819	.4279	.3515								
189.920			.5161	.5238	.4754	.3346	.3083								
193.460		.5172	.5609	.5838	.4193	.1683	.3742								
197.000	.4512	.5240	.5974	.0000	.0000	.1115	.3888								
203.540		.4583	.5567	.5875	.1084	.1211	.3899								
204.080			.2962	.2459	.1084	.1315	.1962								
237.620				.3598	.1475	.1448	.1715								
222.840											.3082	.2629	.2517	.2504	
226.380											.3438	.2689	.2504	.2414	
229.920										.3567	.4028	.2489	.2182	.2625	
233.460									.3507	.4068		.2360	.0000	-.0303	
237.000								.3051	.3652	.4382	.5141				
240.540									.3541	.4160	.0000	.0000	-.3484		
244.080										.3654	.3251	.0835	-.0955	-.1388	
248.200															.5968
337.670															.0063

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.6535	.6777	-.1824	-.6407	-.5141
237.580	.6205	.6516	.6767	-.1474	-.5538	-.5049
241.120	.6187	.6440	.6588	-.0332	-.5771	-.4812
244.660	.6205	.6321	.6635		-.5697	-.5039
248.200		.6082	.6564		-.5819	-.5101
251.740			.5432	.0278	-.5126	
255.280				-.1933	-.3321	-.4679
323.510			.0085	-.2027	-.3403	-.4644
327.050	.0550		.0156	-.1963	-.3326	-.4620
330.590	.0513		-.0074	.0000	-.3427	-.4679
334.130	.0082	.0434	-.0115	.0000	-.3499	-.4740
337.670	.0869	.0384	-.0152			
341.210	.0647	.0378	-.0142	-.1899		
344.750						

ARC11-716 1A14 O4+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

ALPHA0(5) = -2.790   BETA0 (10) =   8.140

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
FWI															
162.840				.4812	.4933	.4679	.4123								
186.380				.4962	.4949	.4397	.3675								
189.920			.4962	.5233	.4970	.3628	.3359								
193.460		.4522	.5207	.5836	.4728	.2364	.3954								
197.000	.3414	.4330	.5196	.0000	.0000	.2025	.4100								
200.540		.3617	.4599	.5067	.1495	.2056	.4173								
204.080			.2622	.2343	.1524	.1803	.2197								
207.620				.3270	.1842	.1821	.2238								
222.840												.2902	.2753	.2753	
226.380												.2984	.2611	.2614	
229.920											.3529	.2715	.2387	.2935	
233.460										.4101	.3935	.2873	.0000	-.0428	
237.000									.4064	.4612	.4367				
240.540								.3548	.4177	.4370	.5814				
244.080									.4061	.4673	.0000	.0000	-.3568		
248.200										.4146	.3584	.1194	-.0654	-.1283	.6738
335.670															.0894

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
FWI						
234.040				-.1210	-.4838	-.4837
237.580		.7570	.7789	-.0773	-.5214	-.5164
241.120		.7515	.7749	.0351	-.5418	-.5289
244.660	.7094	.7257	.7486		-.5728	-.5302
248.200	.7002	.7154	.7341		-.5812	-.5254
251.740	.6997		.7054			
255.280		.6675	.5965	.0477	-.5132	
323.510			.0088	-.1943	-.3411	-.4821
327.050		.0439	.0133	-.2062	-.3514	-.4816
330.590		.0412	-.0135	-.2904	-.3456	-.4766
334.130	.0752	.0301	-.0230	.0000	-.3533	-.4837
337.670	.0725	.0233	-.0304		-.3618	-.4885
341.210	.0659	.0103	-.0336	.0000		
344.730				-.2031		

ARC11-716 IA14 2A+T12+S12N2S+ATIO ET ATTACH PTS.   (RB1233)

ALPHAO(5) = -2.770   BETAO (11) = 10.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4612	.4856	.4732	.4276								
186.380				.4722	.4832	.4503	.3982								
189.920			.4520	.4959	.4848	.3946	.3737								
193.460		.3677	.4449	.5332	.4675	.3089	.4081								
197.000	.2166	.3219	.3981	.0000	.0000	.2675	.4060								
200.540		.2510	.3395	.4081	.1952	.2915	.3852								
204.080			.2074	.2247	.1978	.2142	.2446								
207.620				.2699	.2053	.2235	.2821								
222.840												.3071	.2923	.2910	
226.380											.3789	.3176	.2762	.2786	
229.920										.4425	.4194	.2879	.2306	.3181	
233.460									.4407	.4925	.4580	.3110	.0000	-.0159	
237.000								.3897	.4512	.5167	.6190	.0000			
245.540									.4336	.4999	.0000	.0000	-.3327		
244.080										.4457	.3868	.1442	-.0447	-.1011	
240.200															.7238
357.670															.0326

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
214.040				-.0989	-.5102	-.5066
217.580		.8257	.8413	-.0573	-.5404	-.5366
221.120		.8415		.0635	-.5650	-.5459
224.660	.7738	.8194	.8236		-.5864	-.5459
228.200	.7591	.7965	.8036		-.5994	-.5403
231.740	.7522	.7701	.7456			
235.280		.7499	.6471	.0638	.5077	.5010
323.510				-.2016	-.3541	-.5010
327.090			.0035	-.2196	-.3676	-.5034
330.590		.0251	-.0026	-.2151	-.3689	-.5005
334.130	.0441	.0157	-.0329	.0000	-.3732	-.5077
337.670	.0365	.0001	-.0475		-.3825	-.5101
341.210	.0301	-.0095	-.0544	.0000		
344.750		-.0114	-.0555	-.2204		

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ARC11-716 1A14 D1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(I B) = -.760   BETA(I) = -10.520

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5734	.5885	.5517	.4530								
186.380				.6059	.6154	.5522	.3641								
189.920			.6080	.6535	.6358	.4436	.0907								
193.460		.5665	.6585	.7353	.6222	-.0943	-.0828								
197.000	.4832	.6164	.6892	.0000	.0000	-.3023	-.0050								
200.540		.5610	.6694	.6625	-.2931	-.1924	.1836								
204.080			.2310	.1876	-.2923	-.2344	-.0979								
207.620				.2032	-.2201	-.2115	-.1172								
222.840											.0721	.0811	.0948	.1115	
226.380											.0863	.0845	.0948	.1059	
229.920											.1183	.0737	.0919	.1046	
233.460									.0848	.0811	.1828	.0345	.0000	.0044	
237.000								.0663	.0935	.1104					
240.540									.1003	.1392	.0000	.0000	-.1327		
244.080										.1545	.1186	-.0210	-.0684	-.0379	
248.200										.1286					.2273
337.670															.0521

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3754	-.4531	.3944
237.580			.2712	-.3799	-.4305	-.3763
241.120		.2704	.3089	-.3011	-.4084	-.3866
244.660	.2417	.2797	.3060		-.4049	-.4202
248.200	.2419	.2752	.3232		-.4203	-.4394
251.740	.2327	.2319	.3392			
255.280		.0995	.0286	-.2867	-.3957	
323.510				-.1960	-.3052	-.4138
327.050			-.0423	-.2117	-.3253	-.4298
330.590		.0079	-.0415	-.2101	-.3433	-.4434
334.130	.0428	.0034	-.0597	.0950	-.3691	-.4572
337.670	.0386	-.0063	-.0645	.0000	-.3853	-.4700
341.210	.0398	-.0138	-.0656			
344.750		-.0157	-.0722	-.2484		

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ARC11-716 IA14 C0+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(8) = -.730   BETA0(2) = -8.420

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

x/T PHI	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
102.040				.5919	.5998	.5541	.4450								
106.380				.6202	.6244	.5536	.3547								
109.920			.6234	.6678	.6432	.4334	.0739								
193.460		.5832	.6704	.7178	.6173	-.1039	-.0416								
197.000	.4948	.6123	.7001	.0000	.0000	-.2929	.0178								
200.540		.5789	.6805	.6736	.2613	-.1807	.1996								
204.080			.2499	.2083	-.2600	-.2023	-.0773								
207.620				.2472	-.1953	-.1916	-.0898								
222.840										.1253	.0988	.0951	.1120	.1250	
226.380										.1809	.1145	.1010	.1009	.1224	
229.920										.2494	.1523	.0607	.0688	.1226	
233.460									.1233	.2886	.2902	-.0620	.0000	-.0656	
237.000								.1037	.1684	.2375	.0000	.0000	-.2135	.0000	
240.540									.1777		.1930	.0245	-.1094	-.0950	
244.080															
248.200															
337.670															.2859
															.0616

x/LT PHI	.9210	.9270	.9320	.9380	.9430	.9480
224.040			.3138	-.3639	-.5385	-.4949
237.580		.3552	.3587	-.3721	-.5241	-.4832
241.120		.3899	.3963	-.2487	-.5214	-.4792
244.660	.2971	.3613	.4055		-.5238	-.5344
248.200	.3297	.3314	.3590		-.5342	-.5406
251.740	.2878	.2902	.2251	-.2258		
255.280				-.1971	-.5467	-.4333
323.510			-.0256	-.1995	-.3177	-.4234
327.050			-.0274	-.1944	-.3172	-.4322
330.590		.0255	-.0454	.0000	-.3268	-.4450
334.130	.0561	.0150	-.0528		-.3535	-.4450
337.670	.0537	.0057	-.0542	.0000	-.3764	-.4581
341.210	.0512	.0023	-.0542	.0000		
344.750		-.0007	-.0577	-.2343		

ARC11-716 1A:4 01+T12+S12K25+AT10 ET ATTACH PTS.   (R81233)

ALPHA0(8) = -.730   BETA0 (3) = -6.290

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6084	.6107	.5599	.4394								
185.380				.6372	.6324	.5505	.3421								
189.920			.6534	.6654	.6522	.4238	.0592								
193.460		.6137	.7311	.7468	.6257	.1157	.0094								
197.000	.5504	.6579	.7387	.0000	.0000	-.2727	.0676								
200.540		.6153	.7292	.7288	-.2187	-.1558	.2252								
204.080			.2938	.2292	-.2200	-.1638	-.0530								
207.620				.2835	-.1767	-.1667	-.1065								
222.840											.0768	.0807	.0957	.1111	
226.380										.0907	.0905	.0839	.0952	.1021	
229.920									.0920	.1158	.1180	.0794	.0923	.0950	
233.460								.0788	.1036	.1433	.1791	.0374	.0000	-.0015	
237.000									.1153	.1586	.0000	.0000	-.1094		
240.540										.1435	.1431	.0162	-.0517	-.0235	
244.080															
248.200															
337.670														.3130	.0839

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3612	-.4332	-.3440
237.580			.2603	-.3862	-.3848	-.3562
241.120			.3378	-.3120	-.3380	-.3538
244.660	.3286	.3938	.4029		-.3457	-.3835
248.200	.3578	.4319	.4555		-.3375	-.3492
251.740	.3732	.4215	.4936			
255.280		.3636	.3164	-.1314	-.4440	
323.510				-.1968	-.3248	-.4427
327.050		.0374	-.0156	-.1941	-.3160	-.4322
330.590			-.0149	-.1829	-.3149	-.4277
334.130	.0696	.0326	-.0325	.0000	-.3296	-.4306
337.670	.0859	.0220	-.0340		-.3557	-.4408
341.210	.0622	.0154	-.0375	.0000		
344.750		.0126	-.0435	-.2159		

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ARC11-716 1A14 D4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(6) = -.715   BETAO (4) = -4.140

SECTION (1)ET ATTACH POINTS

DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.6002	.6065	.5566	.4405								
146.380				.6173	.6173	.5453	.3423								
189.925				.6514	.6313	.4246	.0789								
193.450		.5670	.6105	.7052	.6036	-.0356	.1262								
197.000	.5068	.5788	.6524	.0000	.0000	-.0977	.2098								
200.540		.5261	.6078	.5915	.1040	.0201	.3091								
204.080			.2217	.1486	.0585	-.0510	.0519								
207.620				.2285	-.0564	-.0413	.0170								
222.840												.0788	.0940	.1046	
226.380												.0833	.0908	.0966	
229.920											.0793	.0798	.0903	.0911	
233.460										.0946	.0970	.0479	.0000	-.0077	
237.000									.0975	.1242	.1385				
240.540								.0833	.1097	.1309	.2013	.0000	-.0770		
244.080									.1092	.1493	.0000	.0109	-.0285	-.0243	
246.200										.1461	.1155				.2603
337.670															.0768

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2257	-.3605	-.4346	-.3935
237.580			.2835	-.4048	-.4287	-.3653
241.120		.2560	.2835	-.3600	-.4578	-.3893
244.630	.2566	.2861	.3073	-.3825	-.4060	
248.200	.2788	.3152	.3746		-.4159	
251.740	.3013	.3160	.4309			
255.280		.2864	.2808	-.1401	-.4885	
323.510				-.2100	-.3496	-.4704
327.050			-.0064	-.2126	-.3395	-.4550
330.590			-.0088	-.1877	-.3238	-.4401
334.130	.0691	.0381	-.0280	.0000	-.3291	-.4326
337.570	.0628	.0389	-.0313		-.3414	-.4356
341.210	.0667	.0257	-.0371	.0000		
345.750		.0154	-.0408	-.2362		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 04+T12+S12H25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(6) = -.700   BETA0(5) = -2.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5491	.5478	.5094	.4089								
186.380				.5473	.5494	.4930	.3301								
189.920			.5217	.5581	.5481	.3836	.1526								
193.460		.4751	.5244	.6071	.5264	.5978	.2361								
197.000	.4340	.4780	.5265	.0000	.0000	.0574	.2842								
200.540		.4269	.4796	.4638	-.0096	.1560	.3317								
204.080			.1853	.1145	-.0099	.0383	.0811								
217.620				.2106	.0200	.0391	.1247								
222.840												.1042	.1117	.1204	
226.380										.1171	.1044	.1081	.1109	.1204	
229.920									.1202	.1492	.1255	.1097	.1109	.1143	
233.460									.1289	.1703	.1392	.0965	.0000	.0144	
237.000								.1044	.1271	.1642	.2211	.0000	-.0802		
240.540										.1360	.0000	.0244	-.0112	-.0168	
244.080											.1189				.2560
248.200															
357.670															.0793

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2532	-.3905	-.4808	-.4327
237.580		.2651	.0059	-.4054	-.4567	-.4269
241.120	.2518	.2872	.3230	-.3061	-.4573	-.4285
244.660	.2694	.2938	.3354		-.4591	-.4635
248.200	.2797	.2777	.3288		-.4779	-.4800
251.740		.2461	.1879	-.2181	-.4956	
255.280				-.2025	-.3424	-.4680
323.510			.0030	-.2142	-.3533	-.4725
327.050			.0099	-.2017	-.3520	-.4797
330.590	.0436		-.0122	.0000	-.3655	-.4813
334.130	.0436	.0323	-.0237		.3674	-.4659
337.670	.0790	.0286	-.0275			
341.210	.0744	.0252	-.0328			
344.750				-.1850		

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ALPHA(6) = -.700   BETA(5) = .030   ARC(1-7):6 IA14 :1*T12+S12:25*AT10 ET ATTACH PTS.   (RB1233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
RMI															
182.840				.4817	.4850	.4564	.3752								
186.380				.4850	.4820	.4326	.3078								
189.920			.4738	.4922	.4685	.3311	.1973								
193.460		.4448	.4717	.5123	.4274	.1329	.2616								
197.000	.4067	.4432	.4733	.0000	.0000	.0937	.2903								
200.540		.3953	.4343	.4018	.0102	.1691	.3300								
204.080			.2182	.1496	.0133	.0522	.0869								
207.620				.2152	.0379	.0608	.1485								
222.840											.2026	.1787	.1801	.1782	
226.380										.2195	.2469	.1971	.1896	.1848	
229.920									.2066	.2643	.3167	.2074	.1862	.2017	
233.460									.2101	.2703	.3146	.2448	.0000	.0548	
237.000								.1753	.1980	.2327	.0000	.0000	.0000		
240.540										.1903	.1550	.0055	-.1469	-.0773	
244.080													-.0735		
248.200															.3539
337.620															.0831

X/T	.9210	.9270	.9320	.9380	.9430	.9480
RMI						
234.040			-.3538	-.4527	-.3534	
237.580			-.3267	-.4354	-.3311	
241.120		-.3558	.3933	-.2110	-.3903	-.3505
244.660	.5665	.3943	.4399		-.3821	-.4015
248.200	.5708	.3517	.4225		-.3943	-.4123
251.740	.5684	.3748	.4167			
255.260		.3463	.4702	-.1436	-.4746	-.4423
323.510				-.2054	-.3295	-.4416
327.050		-.0154		-.2503	-.3306	-.4535
330.590	.0831	.0411	-.0028	-.1945	-.3311	-.4679
334.130	.0873	.0406	-.0123	.0000	-.3518	-.4836
337.670	.0891	.0403	-.0109		-.3664	
341.210		.0395	-.0209	.0000		
344.750		.0394	-.0107	-.1579		

DATE 27 JAN 75   TABULATED PRESSURE DATA - IA14 - VOL 11

ARGI-718 IA14 ...S12N25+ATIO ET ATTACH PTS.   (RB1233)

ALPHA(6) = -.700   BETA(7) = 2.160

SECTION / IDEF ATTACH POINTS   DEPENDENT VARIABLE CP

X/L	.3010	.3970	.4320	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8260	.8340	.8390	.9100
102.840				.4500	.4510	.4285	.3577								
106.380				.4484	.4402	.3960	.3066								
109.820			.4383	.4452	.4296	.3121	.2556								
113.480		.4322	.4479	.4584	.3543	.1745	.2088								
187.000	.4142	.4325	.4627	.0000	.0000	.1333	.3113								
200.540		.3091	.4420	.4108	.0326	.1700	.3370								
204.080			.2321	.1783	.0342	.0730	.1032								
207.620				.2221	.0610	.0835	.1657								
222.840									.2535	.2733	.2572	.2328	.2320	.2358	
226.380									.2527	.2968	.2931	.2438	.2373	.2416	
229.920									.2434	.2652	.3362	.2564	.2392	.2400	
233.460										.2720	.3256	.2783	.0000	.1234	
237.000								.2220		.2381	.0000	.0000	-.1399		
240.540											.2035	.0397	-.0323	-.0237	
244.080															.4406
246.250															.0667
337.670															

X/L	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.4335	-.3285	-.4754	-.3343
237.580			.4782	-.3413	-.4371	-.3473
241.120		.4549	.4906	-.2545	-.4057	-.3814
244.660	.4496	.4750	.5432		-.4126	-.4142
248.200	.4602	.4567	.5775		-.4243	-.4249
251.740	.4686	.5017	.4367	-.0371		
255.280		.4982		-.2137	-.5221	
323.510				-.2908	-.3548	-.4752
327.050			-.0158	-.2183	-.3612	-.4728
330.590		.0269	-.0129		-.3471	-.4640
334.130	.0627	.0269	-.0348	.0000	-.3529	-.4616
337.670	.0601	.0213	-.0320	.0000	-.3558	-.4606
341.210	.0654	.0202	-.0376			
344.750		.0202	-.0344	-.2042		

ALPHA(B) = -.710   BETA0 (B) =   4.270   (RB1233)

ARC11-716 1A14 CA**12+SI2M25+AT10 ET ATTACH PTS.

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/CT	.3010	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
PHI															
182.840				.4570	.4537	.4282	.3681								
186.380				.4566	.4434	.4004	.3258								
189.920			.4626	.4629	.4217	.3262	.2855								
193.460		.4668	.4845	.4859	.3804	.1935	.3355								
197.000	.4475	.4079	.5233	.0000	.0000	.1274	.3553								
240.540		.4348	.5090	.5086	.0557	.1477	.3770								
274.080			.2446	.1890	.0612	.0967	.1409								
277.620				.2928	.0894	.0961	.1722								
222.840											.2822	.2613	.2528	.2805	
226.380										.3150	.3162	.2632	.2512	.2401	
229.920									.3100	.3618	.3770	.2447	.2264	.2556	
233.460									.3259	.3914	.4517	.2133	.0000	.0520	
237.000								.2762	.3132	.3676	.0000	.0000	-.1555		
240.540										.3227	.2993	.0924	-.0241	-.0116	
244.080															.5577
337.620															.0882

X/CT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2856	-.5218	-.4171
237.580		.5744	.5589	-.2699	-.5035	-.3819
241.120	.5651	.5916	.6057	-.1809	-.4992	-.4134
244.660	.5760	.6015	.6176		-.4896	-.4595
248.200	.5697	.6011	.6406		-.4949	-.4744
251.740		.5977	.6546	.0193	.5175	
255.280			.5277	-.2955	-.3417	-.4772
323.510			.0037	-.2150	-.3521	-.4715
327.050		.0402	.0036	-.2574	-.3473	-.4726
330.590	.0727	.0351	-.0194	.0000	-.3598	-.4779
334.130	.0671	.0219	-.0282		-.3678	-.4837
337.670	.0653	.0365	-.0365	.0000		
341.210		.0119	-.0426	-.2799		
344.750		0.10				

DATE 07 JAN 75   TABULATED PRESSURE DATA - DATA - VOL. II

ARC11-716 1A14 QA+T12+S12M25+AT1O ET ATTACH PTS.   (RB:253)

ALPHA DI 6) = -.730   BETA0 (9) = 6.350

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.9810	.9970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.8161
PHI															
182.840				.4449	.4457	.4223	.3581								
186.580				.4541	.4441	.3992	.3247								
189.920			.4562	.4713	.4368	.3203	.2819								
193.460		.4347	.4753	.4106	.3857	.1757	.3390								
197.000	.3685	.4342	.4912	.0000	.0000	.1464	.3481								
200.540		.3784	.4504	.4753	.4051	.1475	.3792								
204.080			.2552	.1993	.1049	.1298	.1755								
207.620				.2897	.1394	.1368	.1752								
222.840										.3932	.3390	.2915	.2794	.2763	
226.380										.4464	.3780	.2975	.2721	.2658	
229.920										.4786	.4338	.2732	.2393	.2920	
233.460									.3906	.4598	.5575	.2551	.0000	-.0001	
237.000								.3434	.4037	.4073	.0000	.0000	-.2496	-.0693	
240.540									.3961		.3665	.1265	-.0390		
244.080															.4633
337.575															.0913

X/LT	.9210	.9270	.9320	.9380	.9430	.9490	.5460								
PHI															
234.040				-.1804	-.6480	-.5006									
237.580				-.1374	-.5291	-.4876									
241.120		.7310	.7363	-.0093	-.5584	-.4715									
244.660	.6966	.7302	.7525		-.5513	-.4977									
248.200	.6952	.7195	.7467		-.5550	-.5067									
251.740	.6922	.7056	.7331												
253.280		.6910	.7171	-.0046	-.5109										
323.310			.5933	-.1949	-.3312	-.4657									
327.053			.0367	-.2049	-.3407	-.4625									
330.590		.0570	.0132	-.1865	-.3330	-.4623									
334.130	.0903	.0538	-.0069	.0000	-.3462	-.4691									
337.670	.0882	.0446	-.0140		-.3534	-.4765									
341.210	.0899	.0381	-.0180	.0000											
344.750		.0536	-.0296	-.1970											

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OA+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(6) = -.730   BETAO(10) = 8.130

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
PHI															
182.040				.4255	.4363	.4132	.3622								
186.380				.4326	.4311	.3934	.3265								
189.920			.4250	.4466	.4321	.3315	.2975								
193.460		.3864	.4405	.4979	.4091	.2110	.3435								
197.000		.3804	.4408	.0000	.0000	.1655	.3550								
200.40	.2066		.3970	.4360	.1277	.1847	.3787								
214.080		.3153	.2103	.1973	.1303	.1554	.1944								
207.620				.2787	.1593	.1584	.2016					.3086	.2943	.2907	
222.840											.3692	.3151	.2797	.2771	
226.380											.4087	.2863	.2524	.3090	
229.920										.4293	.4582	.2751	.0000	-.0119	
233.460								.3823	.4295	.4827	.6036				
237.000									.4409	.5148	.0000	.0000			
240.540									.4319	.4990		-.2275			
244.080										.4446	.4001	.1578	-.0084	-.0394	
248.200															.7152
337.670															.0729

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1431	-.6633	-.5137
237.580		.8008	.8142	-.1029	-.5182	-.5090
241.120			.8266	.0315	-.5719	-.5046
244.660	.7555	.7972	.8178		-.5495	-.5187
248.200	.7477	.7809	.7916		-.5709	-.5140
251.740	.7435	.7602	.7522	.0611	-.5077	
255.280		.7337	.6345	-.2015	-.3408	-.4764
323.510			.0011	-.2126	-.3513	-.4746
327.050		.0447	.0055	-.2073	-.3450	-.4706
330.590		.0437	-.0223	.0000	-.3539	-.4803
334.130	.0763		-.0321		-.3628	-.4858
337.670		.0281		.0000		
341.210	.0674	.0177	-.0371			
344.750	.0673	.0140	-.0402	-.2110		

TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OA+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

ALPHAO(6) = -.750   BETAO (11) = 10.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8590	.9160
PHI															
182.840				.4078	.4287	.4221	.3840								
186.380				.4146	.4295	.4034	.3560								
189.920			.3911	.4329	.4311	.3537	.3384								
193.460		.3206	.3914	.4728	.4190	.2768	.3651								
197.000		.2720	.3477	.0000	.0000	.2281	.3589								
200.540	.1751	.2057	.2950	.3590	.1642	.2558	.3457								
204.080			.1558	.1790	.1626	.1805	.2139								
207.620				.2302	.1732	.1875	.2459								
222.840											.3925	.3230	.3100	.3100	
226.380										.4605	.4336	.3306	.2927	.2948	
229.920										.5178	.4872	.2997	.2600	.3289	
233.460									.4629	.5592	.6385	.2869	.0000	-.0035	
237.000								.4155	.4754	.5334	.0000	.0000	-.1670	.0000	
240.540									.4649	.4793	.4351	.1872	.0329	.0132	
244.080															.7511
248.200															.0441
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1214	-.5243	-.5210
237.580		.8461	.8684	-.0864	-.5511	-.5347
241.120		.8454	.8807	.0527	-.5709	-.5349
244.660	.7938	.8273	.8658	.0686	-.5827	-.5410
248.200	.7896	.7975	.8438	-.2098	-.5966	-.5360
251.740	.7810	.7739	.7820	-.2240	-.5044	-.4959
255.280			.6698	-.2216	-.3550	-.4978
323.510			-.0085		-.3072	-.4946
327.050		.0231	-.0098	.0000	-.3605	-.5023
330.990		.0213	-.0407	.0000	-.3729	-.5062
334.130	.0457	.0012	-.0535		-.3837	
337.670	.0386	-.0065	-.0598			
341.210	.0401	-.0101	-.0619	-.2264		
344.730						

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 Q4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(7) = 2.010   BETAO (1) = -10.080

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5626	.5733	.5379	.4432								
186.380				.5954	.6056	.5459	.3629								
189.920			.5996	.6457	.6277	.4370	.0877								
193.460		.5605	.6444	.6921	.6120	-.0917	-.0841								
197.000	.4774	.5933	.6728	.0000	.0000	-.2926	.0007								
200.540		.5506	.6514	.6457	-.3041	-.1637	.1928								
204.080			.2200	.1470	-.3105	-.2543	-.1213								
207.620				.1924	-.2345	-.2417	-.1254				.1128	.1283	.1393		
222.840											.1079	.1144	.1293	.1377	
226.380										.1206	.1261	.1144	.1288	.1330	
229.920									.1162	.1410	.1571	.0941	.0000	.0449	
233.460								.1032	.1255	.1636	.2037	.0000			
237.000									.1295	.1719	.0000	.0000	-.0747	.0041	
240.540										.1501	.1459	.0255	-.0208		
244.080															.2778
248.200															.0274
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3725	-.4340	-.3704
237.580				-.3696	-.4025	-.3622
241.120		.5309	.3319	-.3063	-.3638	-.3622
244.660	.2833	.3296	.3640		-.3541	-.3693
248.200	.3016	.3470	.3884		-.3625	-.3806
251.740	.3092	.3280	.3929			
255.280		.2704	.2025	-.2186	-.4439	-.4342
323.510				-.2117	-.3260	-.4508
327.050		-.0035	-.0495	-.2320	-.3457	-.4642
330.590		-.0140	-.0492	-.2299	-.3646	-.4741
334.130	.0289	-.0242	-.0695	.0000	-.3867	-.4852
337.670	.0190	-.0308	-.0820	.0000	-.3988	
341.210	.0173	-.0371	-.0859	-.2666		
344.790			-.0920			

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (R31233)

ALPHA(1) = 2.000   BETAO (2) = -8.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
182.840				.5700	.5809	.5437	.4389								
186.380				.5978	.6078	.5417	.3515								
189.920			.5901	.6383	.6244	.4295	.0738								
193.460		.5488	.6287	.6899	.5990	-.1030	-.0386								
197.000	.4786	.5744	.6438	.0000	.0000	-.2528	-.0387								
200.540		.5327	.6214	.6007	-.2618	-.1257	.2061								
204.080			.2071	.1715	-.2654	-.2110	-.0364								
207.620				.2090	-.2125	-.1987	-.1068								
222.840												.1286	.1428	.1561	
226.380												.1333	.1418	.1491	
229.925											.1296	.1302	.1418	.1486	
233.460										.1397	.1434	.0908	.0000	.0485	
237.000								.1270	.1395	.1669	.1789		-.0729	.0140	
240.540									.1499	.1976	.2420	.0000	-.0204		
244.080									.1577	.2088	.0000	.0458			.3162
248.200										.1864	.1831				.0595
337.670															

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3583	-.4224	-.3553
237.580		.3376	.2953	-.3793	-.3852	-.3482
241.120		.3720	.3582	-.3016	-.3406	-.3479
244.680	.3258	.3968	.4004		-.3330	-.3458
248.800	.3462	.3640	.4435		-.3353	-.3507
251.740	.3577	.3180	.4682	-.1796		
255.280			.2588	-.1728	-.4399	
323.510				-.1926	-.2937	-.4045
327.050		.0274	-.0227	-.2018	-.3148	-.4240
330.590		.0146	-.0200	.0000	-.3426	-.4497
334.130	.0626	.0042	-.0411	.0000	-.3773	-.4692
337.670	.0518	-.0054	-.0521		-.3936	-.4815
341.210	.0470	-.0093	-.0563	-.2414		
344.750			-.0634			

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(7) = 2.050   BETA0 (3) = -6.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6180
PHI															
182.840				.5713	.5755	.5325	.4214								
186.380				.5911	.5914	.5206	.3292								
189.920			.5877	.6255	.6015	.4018	.0004								
193.460		.5583	.6247	.6666	.5622	.0887	.0367								
197.000	.4984	.5862	.6505	.0000	.0000	.1804	.1247								
200.540		.5374	.6247	.8352	.1863	.0697	.2494								
204.080			.2395	.1926	.1873	.1362	.0168								
237.620				.2400	.1547	.1275	.0592								
222.840											.1195	.1218	.1363	.1476	
226.380										.1276	.1328	.1262	.1371	.1418	
229.920										.1463	.1531	.1265	.1363	.1366	
233.460									.1273	.1625	.1958	.1169	.0000	.0690	
237.000								.1117	.1294	.1620	.0000	.0000	-.0188		
240.540									.1317	.1487	.1390	.0533	.0190	.0401	
244.080															
248.200															.8992
337.670															.1033

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3426	-.4071	-.3361
237.580			.2660	-.3772	-.3630	-.3379
241.120		.3011	.3220	-.3305	-.3284	-.3358
244.660	.3021	.3392	.3676		-.3347	-.3392
248.200	.3275	.3759	.4276		-.3239	-.3419
251.740	.3448	.3694	.4739			
255.280		.3090	.2605	-.1586	-.4394	-.3958
323.510				-.1575	-.2785	-.3997
327.050			-.0017	-.1646	-.2882	-.4116
330.590		.0564	.0027	-.1644	-.2993	-.4268
334.130	.0937	.0522	-.0101	.0000	-.3240	-.4468
337.670	.0918	.0486	-.0153	.0000	-.3532	
341.210	.0926	.0434	-.0161			
344.750		.0387	-.0179	-.2106		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CX+T12+S12N25+ATIO ET ATTACH PTS.   (R81233)

ALPHAO(7) = 1.920   BETAO(4) = -3.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5665	.5692	.5249	.4174								
186.380				.5796	.5838	.5177	.3273								
189.920			.5680	.8010	.5916	.4020	.0929								
193.460			.5873	.6572	.5750	.0084	.1660								
197.000	.4766	.5232	.6027	.0000	.0000	-.0379	.2370								
200.540		.5305	.5576	.5327	-.0613	.0692	.3141								
204.080		.4753	.2913	.1280	-.0800	-.0111	.0689								
207.620				.2202	-.0161	-.0065	.0703								
222.840											.1160	.1180	.1282	.1322	
226.390											.1318	.1233	.1293	.1340	
229.920											.1600	.1238	.1293	.1312	
233.460									.1258	.1281		.1139	.0000	.0580	
237.000								.1117	.1320	.1463	.2011	.0000	-.0130		
240.540									.1294	.1588	.1282	.0507	.0215	.0268	
244.080										.1393					
248.200															.2553
337.670															.0894

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3407	-.3891	-.3279
237.580				-.3698	-.3529	-.3271
241.120				-.3422	-.3285	-.3279
244.660	.2469	.2534	.2389		-.3301	-.3413
248.200	.2707	.2792	.2801		-.3409	-.3631
251.740	.2850	.3026	.3028			
255.280		.2930	.3535			
323.510		.2638	.3754	-.1930	-.4199	-.4072
327.050			.2098	-.1741	-.2940	-.4098
330.590			-.0062	-.1766	-.2954	-.4193
334.130	.0655	.0492	.0001	-.1711	-.3059	-.4356
337.670	.0847	.0464	-.0132	.0000	-.3316	-.4487
341.210	.0841	.0451	-.0154	.0000	-.3537	
344.750		.0409	-.0164	-.1955		
		.0376	-.0183			

ALPHAO(7) = 1.920   BETAO (5) = -2.020

ARC11-716 IA14 C4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.8460
PHI															
182.840				.5025	.5030	.4780	.3890								
186.380				.5004	.5004	.4628	.3124								
189.920			.4737	.5072	.5054	.3555	.1695								
193.460		.4269	.4682	.5378	.4943	.1256	.2368								
197.000	.3861	.4246	.4615	.0000	.0000	.1016	.2791								
200.540		.3723	.4173	.4912	.0283	.1916	.3175								
204.080			.1770	.1154	.0175	.0575	.0861								
207.620				.2045	.0467	.0673	.1475								
222.840											.1358	.1345	.1421	.1504	
226.380									.1402	.1441	.1512	.1405	.1431	.1473	
229.920									.1418	.1613	.1824	.1460	.1439	.1484	
233.460									.1395	.1694	.2105	.1517	.0000	.0804	
237.000								.1265		.1621	.0000	.0000	.0066		
240.540										.1395	.1259	.0658	.0363		
244.080														.0421	
248.200															.2461
337.670															.0708

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3558	-.4165	-.3491
237.580		.2395	.2316	-.3895	-.3944	-.3425
241.120			.2759	-.3385	-.3721	-.3533
244.680	.2356	.2574	.2861		-.3787	-.3955
248.200	.2307	.2728	.3166		-.3958	-.4107
251.740	.2669	.2680	.3234			
255.280		.2439	.1950	-.2131	-.4433	-.4509
323.510				-.2050	-.3341	-.4451
327.030			-.0080	-.2097	-.3336	-.4438
330.590		.0369	-.0935	-.1937	-.3273	-.4409
334.130	.0746	.0358	-.0224	.0000	-.3370	-.4409
337.670		.0720	-.0282			
341.210	.0746	.0295	-.0287	.0000	-.3464	-.4407
344.750		.0308	-.0279	-.1963		

ARC11-716 1A14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAC(7) =   1.920   BETAC(6) =   .010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.040				.4432	.4463	.4195	.3506								
186.380				.4429	.4432	.4006	.2951								
188.920			.4223	.4460	.4361	.3235	.2157								
193.460		.3942	.4236	.4648	.4058	.1633	.2549								
197.000	.3673	.3905	.4119	.0000	.0000	.1264	.2856								
200.540		.3423	.3806	.3462	.0418	.1984	.3155								
204.080			.2003	.1435	.0304	.0643	.0919								
207.620				.2040	.0554	.0854	.1597								
222.840												.1939	.1995	.2011	
226.380											.2048	.2082	.2039	.2113	
229.920											.2316	.2212	.2050	.2162	
233.460										.2113	.2785	.2540	.0000	.1806	
237.000								.1751	.1980	.2334	.2626				
240.540									.1933	.2329	.0000	.0000	-.0258		
244.080									.1889	.2118	.1616	.0655	.0152	.0252	
248.200															.3270
337.670															.0930

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3725	-.4536	-.3468
237.580			.3143	-.3680	-.4315	-.3481
241.120		.3315	.3599	-.2937	-.4031	-.3757
244.660	.3223	.3479	.3636		-.3994	-.4151
248.200	.3384	.3529	.3865		-.4210	-.4231
251.740	.3512	.3466	.4021			
255.280		.3427	.2987	-.1399	-.4871	
323.510				-.1862	-.3189	-.4449
327.030			.0132	-.1963	-.3266	-.4478
330.590		.0619	.0239	-.1829	-.3273	-.4559
334.130	.0997	.0582	.0044	.0000	-.3460	-.4656
337.670	.0966	.0507	-.0033		-.3576	-.4745
341.210	.0929	.0423	-.0054	.0000		
344.750		.0401	-.0132	-.1913		

DATE 07 JAN 73   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CA+T12+S12N25*ATIO ET ATTACH PTS.   (RB1233)

ALPHA(7) = 1.920   BETA0(7) = 2.050

SECTION 1 1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4316	.4372	.4120	.3504								
188.380				.4266	.4240	.3859	.3019								
189.920			.4147	.4219	.3980	.3056	.2352								
193.460		.3996	.4147	.4323	.5575	.1837	.2701								
197.000	.3741	.3996	.4225	.0000	.0000	.1493	.3019								
200.540		.3572	.4009	.3761	.0554	.1849	.3163								
204.080			.2149	.1669	.0509	.0767	.1051								
207.620				.2257	.0688	.0932	.1677								
222.840											.2648	.2492	.2527	.2548	
226.380											.2922	.2627	.2524	.2597	
229.920										.2764	.3258	.2664	.2524	.2593	
233.460									.2649	.2998	.3406	.2620	.0000	.1577	
237.000								.2389	.2668	.3064					
240.540									.2600	.2939	.0000	.0000	-.0079		
244.080										.2618	.2421	.1094	.0455	.0585	
248.200															.4639
337.670															.0952

X/LT	.9210	.9270	.9320	.9380	.9430	.9460
PHI						
234.040			-.4212	-.3266	-.4525	-.3517
237.580			-.4783	-.3571	-.4525	-.3593
241.120	.4600	.4609	.5132	-.2486	-.4247	-.3961
244.660	.4813	.4922	.5505		-.4351	-.4287
246.200	.5040	.5115	.5664		-.4384	-.4340
251.740		.5131	.4504	-.0325	-.5093	
255.280		.5026		-.1889	-.3202	-.4434
323.510			.0111	-.1955	-.3256	-.4434
327.050		.0615	.0111	-.1814	-.3215	-.4490
330.590	.0965	.0589	.0092	.0000	-.3373	-.4555
334.130	.0975	.0544	-.0033		-.3499	-.4650
337.670	.0946	.0526	-.0093	.0000		
341.210		.0536	.0207	-.1766		

ALPHA0(7) = 1.000 BETA0(8) = 4.000

ARC11-716 IA14 CX+T12+S12N25+AT1O ET ATTACH PTS.

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3010	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.6180
CP1															
182.840				.4269	.4276	.4052	.3515								
186.380				.4278	.4221	.3812	.3141								
189.920			.4283	.4278	.4012	.3141	.2691								
193.460		.4171	.4434	.4521	.3564	.1986	.3088								
197.000	.3798	.4171	.4518	.0000	.0000	.1446	.3277								
200.540		.3800	.4252	.4244	.0694	.1808	.3562								
204.080			.2050	.1661	.0751	.1056	.1389								
207.620				.2446	.0999	.1064	.1767								
222.840												.2852	.2819	.2811	
226.380											.3047	.2901	.2758	.2790	
229.920										.3407	.3394	.2742	.2576	.2802	
233.480								.3039	.3391	.3895	.3933	.2466	.0000	.0915	
237.000									.3506	.4189	.4828	.0000	-.0422		
240.540									.3462	.4067	.0000	.0000	.0511	.0618	
244.080										.3595	.3350	.1401			.6004
248.230															.6048
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
CP1						
234.040				-.2784	-.5457	-.4250
237.580		-.5070	-.2668	-.5172	-.3869	
241.120		-.6483	-.1347	-.5128	-.4219	
244.660	.6067	.6480	.6700	-.4996	-.4666	
248.200	.6203	.6567	.6937	-.5044	-.4821	
251.740	.6362	.6494	.6821			
255.280		.6340	.5659	.0302	-.5113	
323.510				-.1989	-.3319	-.4576
327.090			.0030	-.2097	-.3361	-.4542
330.590		.0302	.0103	-.1955	-.3290	-.4537
334.130	.0855	.0478	.0090	.0003	-.3419	-.4576
337.670	.0421	.0414	-.0142		-.3493	-.4668
341.210	.0031	.0560	-.0171	.0000		
344.790		.0341	-.0145	-.1889		

A8C11-716 1A14 SC*T12*S12*M25*ATIO ET ATTACH PTS.　　　　(RB1233)

ALPHA DEG ? : x　2.040　BETA DEG (9) :　6.060

SECTION (I)ET ATTACH POINTS　　　DEPENDENT VARIABLE CP

X/LT	.3810	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9150
P=1															
182.840				.4155	.4186	.3945	.3392								
186.380				.4134	.4068	.3689	.2955								
189.920			.4006	.4194	.3322	.2935	.2469								
193.460		.3666	.4045	.4364	.3562	.1785	.2973								
197.000	.3099	.3650	.4084	.0000	.0000	.1584	.3077								
200.540		.3225	.3744	.3794	.0951	.1710	.3552								
204.080			.1971	.1717	.0948	.1226	.1614								
207.620				.2561	.1230	.1255	.1776								
222.840												.3283	.3158	.3184	
226.380												.3338	.3140	.3090	
229.920												.3054	.2749	.3370	
233.460									.4279	.4277	.3742	.2798	.0000	.0670	
237.000								.3818	.4415	.4365	.4138				
240.540									.4350	.5207	.4743				
244.080										.5061	.6037	.0000	-.1072		
248.200										.4522	.0000	.1740	.0497	.0670	
337.670											.4151				.7243
															.0790

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
P=1						
234.040				-.1943	-.0339	-.4808
237.580			.7758	-.1710	-.5288	-.4476
241.120		.7825	.8219	-.6631	-.5432	-.4521
244.660	.7565	.8010	.8266	-.5346	-.4852
248.200	.7623	.8445	.6266	-.5327	-.4356
251.740	.7662	.7817	.7903			
255.280		.7634	.6584	-.5929		
323.510				-.2059	-.3414	-.4691
327.050		.6083	-.2173	-.3482	-.4654
330.590		-.5544	-.2642	-.3348	-.4623
334.130	.5769	.5227	.6213	-.3430	-.4654
337.670	.6735	.5354	.0694	-.3537	-.4602
341.210	.6647	.5330	.0629			
344.750		.5298	-.0268	-.1157		

ALPHAD(7) = 2.030   BETAO (10) = 8.110   ARCI: 716 1414 D:T10;512I25+AT10 ET ATTACH PTS.   (P81233)

SECTION (I)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.6070	.6120	.6180	.6230	.6280	.6340	.6390	.9160
PWI															
182.840				.3849	.3923	.3732	.3251								
186.380				.3804	.3845	.3536	.2921								
189.920			.3565	.3877	.3819	.3007	.2670								
193.480		.3102	.3578	.4158	.3621	.2006	.2962								
197.000	.2144	.2878	.3477	.0000	.0000	.1854	.3047								
200.540		.2468	.3172	.3473	.1242	.1940	.3326								
204.080			.1821	.1867	.1290	.1909	.1881								
207.620				.2315	.1453	.1902	.1959								
222.840											.4149	.3560	.3462	.3454	
226.380											.4579	.3633	.3310	.3315	
229.920											.5170	.3263	.2940	.3676	
233.480								.4265	.4765	.4775	.5585	.3055	.0000	.0807	
237.000									.4921	.5377	.6585	.0000			
240.540										.5721	.0000	.0000	-.0366		
244.080									.4812	.5570	.4602	.2141	.1007	.1144	
240.200										.4986					.7007
337.670															.0742

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PWI						
234.040				-.1437	-.6657	-.5210
237.580			.6544	-.1243	-.5394	-.4934
241.120		.8470	.6909	.0258	-.5668	-.4931
244.660	.6091	.8593	.8478		-.5638	-.5123
248.200	.8114	.6546	.8739		-.5662	-.5108
251.740	.8119	.8311	.8273			
255.280		.8064	.6965	.0844	-.4976	
323.510				-.2552	-.3384	-.4736
327.050			-.0038	-.2179	-.3937	-.4730
330.590		.0403	-.0028	-.2134	-.3470	-.4693
334.130	.0745	.0299	-.0305	.0000	-.3578	-.4785
337.670	.0533	.0177	-.0438		-.3661	-.4856
341.210	.0575	.0065	-.0196			
344.750		.0019	-.0569	-.2216		

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ARC11-716 IA14 C2+TI2+SI2+C25+AT10 ET ATTACH PTS.   (R81233)

A MACH(7) = 2.390   BETA5 (11) = 10.150

SECTION INLET ATTACH POINTS

DEPENDENT VARIABLE CP

PHI	.3950	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.8180
182.840				.3461	.3671	.3682	.3361								
186.300				.3391	.3550	.3459	.3118								
189.920			.3074	.3461	.3477	.3633	.2903								
193.460			.2947	.3584	.3339	.2342	.2898								
197.000	.1140	.2373	.2650	.0000	.0000	.1918	.2873								
200.540		.2067	.2328	.2723	.1445	.2156	.2773								
204.080		.1601	.1627	.1889	.1450	.1629	.1965								
207.620				.1944	.1541	.1743	.2106								
222.840											.4478	.3831	.3764	.3793	
226.380											.4921	.3888	.3805	.3641	
229.920									.5198	.5185	.5519	.3531	.3231	.4036	
233.460								.5352	.5800	.7053	.3199	.0000	.1065	
237.000								.4650	.5245	.6166	.0000	.0000	.0000		
240.540										.6027		.2586	.0213		.0104
244.080										.5412	.9031		.1593	.1778	.0482
248.200															
337.620															

PHI	.9210	.9270	.9320	.9380	.9430	.9480
234.040		.8971	.9133	-.0866	-.5929	-.5821
237.580		.9044	.9407	-.0819	-.6049	-.5494
241.120		.8966	.9376	.0614	-.5923	-.5360
244.660	.8506	.6752	.9224		-.5847	-.5475
248.200	.8506	.6550	.8655		-.5031	-.5412
251.740	.8548		.7344	.5977		
255.280				-.2116	-.4965	-.4849
323.510				-.2273	-.3499	-.4873
327.050		.0218	-.0192	-.2249	-.3643	-.4854
330.590		.0122	.0211	.0000	-.3649	-.4960
334.130	.0487	-.0019	-.0456		-.3725	-.5025
337.670	.0401	-.0168	-.0549		-.3859	
341.210	.0296	-.0256	-.0693	.0000		
344.750			-.0793	-.2394		

ARC11-716 IA14 D1+TI2+S12M25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(8) = 4.300   BETA0(1) = -9.980

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8167
PHI															
182.840				.5514	.5626	.5299	.4374					.1306	.1460	.1569	
186.380				.5803	.5894	.5327	.3581					.1363	.1478	.1587	
189.920			.5802	.6267	.6171	.4360	.0969					.1407	.1468	.1500	
193.480		.5407	.6199	.6854	.6107	-.0836	-.0650					.1345	.0000	.0802	
197.000	.4631	.5698	.6383	.0000	.0000	-.2668	.0179					.0000	-.0110		
200.540		.5176	.6361	.5855	-.2839	-.1206	.2019					.0528	.0175	.0540	
204.080			.1961	.1246	-.2992	-.2380	-.0989								
207.620				.1547	-.2395	-.2169	-.1222								
222.840										.1411	.1273				
226.380										.1528	.146				
229.920										.1699	.1710				
233.460									.1328	.1665	.2050	.0000			
237.000								.1214	.1406	.1509	.0000	.0528			
240.540									.1406		.1407				
244.080															
248.200															.2984
337.670															.0188

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.2955			-.3718	-.4315	-.3642
237.580		.3031	.2618	-.3905	-.3966	-.3592
241.120	.3202	.3327	.3279	-.3162	-.3562	-.3629
244.660		.3308	.3696		-.3557	-.3715
248.200		.3583	.4028		-.3677	-.3783
251.740	.3329	.3167	.4165			
255.280			.2556	-.1739	-.4555	-.4354
323.510				-.2060	-.3256	-.4602
327.050		-.0037	-.0461	-.2298	-.3511	-.4777
330.990	.0278	-.0169	-.0477	-.2303	-.3754	-.4889
334.130	.0134	-.0316	-.0699	.0000	-.3562	-.4983
337.670	.0031	-.0429	-.0837	.0000	-.4082	
341.210			-.0944	.0000		
344.790		-.0498	-.1027	-.2733		

ARC11-716 IA14 C1+T12+S12+S25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(3) = 4.200   BETAO (2) = -8.090

SECTION (3)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5532	.5646	.5306	.4321								
186.380				.5750	.5875	.5313	.3488								
189.920				.6147	.6124	.4190	.0781								
193.460		.3231	.5942	.6591	.5789	-.0871	-.0239								
197.000	.4608	.5389	.6057	.0000	.0000	-.2075	.0730								
200.540		.4951	.5711	.5418	-.2165	-.0792	.2192								
204.080			.2041	.1418	-.2195	-.1658	-.0444								
207.620				.1867	-.1748	-.1528	-.0737								
222.840											.1544	.1535	.1616	.1795	
226.380											.1705	.1580	.1611	.1725	
229.920										.1647	.1952	.1614	.1624	.1748	
233.460									.1598	.1824	.2410	.1461	.0000	.0902	
237.000								.1458	.1633	.2003	.0000	.0000	.0000		
240.540									.1694	.2047	.0000	.0000	-.0100		
244.080										.1852	.1769	.0666	.0323	.0557	
337.670														.3267	
															.0749

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3556	-.4197	-.3519
237.580			.2966	-.3800	-.3831	-.3490
241.120		.3249	.3549	-.3088	-.3435	-.3493
244.660	.3293	.3638	.3884		-.3349	-.3500
248.200	.3475	.3863	.4366		-.3383	-.3545
251.740	.3698	.3910	.4675			
255.280		.3565	.2981	-.1535	-.4481	
323.510				-.1658	-.2883	-.4008
327.050			-.0134	-.1866	-.3092	-.4230
330.590			-.0067	-.1693	-.3357	-.4474
334.130	.0780	.0403	-.0231	.0000	-.3681	-.4688
337.670	.0725	.0343	-.0319		-.3859	-.4853
341.210	.0616	.0170	-.0382	.0000		
344.750		.0089	-.0403	-.2307		

ARC11-716 IA14 C4*T12*S12N25*AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(8) = 4.290   BETA0(3) = -5.990

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5388	.5434	.5076	.4079								
186.360				.5543	.5569	.4948	.3209								
189.920			.5484	.5766	.5605	.3797	.0694								
193.460		.5141	.5714	.6158	.5225	-.0517	.0766								
197.000	.4697	.5284	.5826	.0000	.0000	-.1073	.1638								
200.540		.4889	.5605	.5336	-.1234	-.0980	.2512								
204.080			.2243	.1685	-.1127	-.0744	.0214								
207.620				.2274	-.0887	-.0665	-.0072								
222.840												.1414	.1553	.1662	
226.380											.1445	.1492	.1548	.1683	
229.920										.1525	.1530	.1497	.1553	.1641	
233.460									.1461	.1670	.1800	.1419	.0000	.0922	
237.000								.1378	.1528	.1841	.2136	.0000	.0035		
240.540									.1557	.1823	.0000	.0759	.0450	.0749	
244.080										.1694	.1577				
248.200															.3123
337.670															.1216

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3449	-.4119	-.3421
237.580			.2820	-.3793	-.3788	-.3408
241.120		.3170	.3377	-.3144	-.3397	-.3440
244.660	.3085	.3411	.3776		-.3384	-.3555
248.200	.3264	.3686	.4274		-.3470	-.3698
251.740	.3554	.3680	.4652			
255.280		.3351	.2683	-.4378	-.2744	-.3923
323.510			.0123	-.1555	-.2875	-.4046
327.050		.0732	.0218	-.1482	-.3032	-.4205
330.590		.0721	.0089	-.1613	-.3270	-.4328
334.130	.1133	.0690	.0084	-.1571	-.3460	-.4446
337.670	.1135	.0664	.0171	.0000		
341.210	.1193	.0656	.0071	.0000		
344.750				-.1782		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 G4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(8) = 4.200   BETAO (4) = -3.970

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.5230	.5277	.4891	.3930								
186.380				.5396	.5386	.4821	.3155								
189.920			.5269	.5560	.5492	.3807	.1219								
193.460		.4945	.5477	.6161	.5322	.0472	.1964								
197.000	.4429	.4955	.5555	.0000	.0000	.0053	.2472								
200.540		.4520	.5142	.4950	-.0298	.1011	.3165								
204.080			.2011	.1282	-.0287	.0336	.0880								
207.620				.2201	.0058	.0223	.0971								
222.840											.1313	.1311	.1341	.1499	
226.380											.1415	.1355	.1349	.1499	
229.920										.1363	.1596	.1363	.1377	.1478	
233.460								.1236	.1252	.1505	.1907	.1347	.0000	.0902	
237.000									.1402	.1607	.0000	.0000	.0266		
240.540									.1368	.1583	.1368	.0749	.0546	.064	
244.080										.1440					.2548
248.200															.0972
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2182	-.3473	-.4008	-.3356
237.580		.2452	.2634	-.3799	-.3791	-.3362
241.120		.2722	.2935	-.3463	-.3536	-.3492
244.660	.2478	.2961	.3441		-.3614	-.3850
248.200	.2712	.3003	.3613		-.3823	-.4007
251.740	.2893	.2844	.2304	-.4399		
255.280				-.1821	-.2949	-.4112
323.510			-.0002	-.1706	-.3048	-.4229
327.050			.0094	-.1805	-.3160	-.4347
330.590	.0925		-.0017	-.1722	-.3385	-.4443
334.130	.0941	.0564	-.0015	.0000	-.3534	-.4532
337.670		.0551	-.0020	.0000		
341.210	.0985	.0544	.0034	-.1813		
344.750		.0533				

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O1+T12+S12N25+AT1O 2T ATTACH PTS.   (RB1233)

ALPHA(X 8) =   4.220   BETAO (5) =   -2.000

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4677	.4800	.4562	.3766								
186.380				.4720	.4792	.4343	.3046								
189.920			.4371	.4712	.4689	.3469	.1776								
193.460		.3870	.4285	.4951	.4664	.1492	.2316								
197.000	.3605	.3859	.4249	.0000	.0000	.1279	.2758								
200.540		.3454	.3841	.3598	.0598	.2046	.3049								
204.080			.1879	.1229	.0373	.0763	.0974								
207.620				.2049	.0677	.0902	.1593								
222.840											.1495	.1527	.1512	.1579	
226.380											.1599	.1550	.1566	.1642	
229.920											.1719	.1579	.1571	.1632	
233.460									.1461	.1536		.1656		.1164	
237.000								.1375	.1466	.1624	.1880		.0000		
240.540									.1435	.1650					
244.080										.1572	.0000	.0000	.0523	.0899	
248.200										.1476	.1386	.0968	.0770		.2376
337.670															.0068

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3403	-.4146	-.3418
237.580			.2075	-.3938	-.3945	-.3454
241.120		.2217	.2410	-.3575	-.3763	-.3703
244.660	.2239	.2471	.2674		-.3911	-.4066
248.200	.2454	.2647	.3048		-.4029	-.4191
251.740	.2647	.2704	.3291			
255.280		.2673	.2086	-.1906	-.4543	-.4267
323.510				-.1854	-.3109	-.4270
327.050		.0490	-.0059	-.1895	-.3114	-.4328
330.590		.0467	.0027	-.1791	-.3159	-.4398
334.130	.0849	.0469	-.0103	.0000	-.3345	
337.670	.084.	.0464	-.0101	.0000	-.3499	
341.210	.0863		-.0096			-.4461
344.790		.0499	-.0023	-.1824		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 C8+T12+S12M25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(C 8) = 4.240   BETA0 (6) = -.070

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.4122	.4206	.3998	.3348								
186.380				.4193	.4131	.3792	.2882								
189.920			.3937	.4100	.3983	.3027	.2119								
193.460		.3555	.3830	.4261	.3754	.1724	.2392								
197.000	.3313	.3557	.3771	.0000	.0000	.1436	.2694								
200.540		.3154	.3422	.3156	.0671	.2003	.2856								
204.080			.1931	.1419	.0426	.0620	.0852								
207.620				.1933	.0619	.0947	.1548								
222.840												.2092	.2150	.2148	
226.380											.2118	.2176	.2215	.2273	
229.920										.2141	.2306	.2277	.2236	.2279	
233.460									.1985	.2250	.2612	.2596	.0000	.1516	
237.000								.1813	.1967	.2252	.2420	.0000	.0000		
240.540									.1910	.2084	.0000	.0000	.0477		
244.080										.1907	.1742	.1083	.0685	.0887	
248.200															.3200
337.670															.0983

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3625	-.4464	-.3509
237.580			.2895	-.3936	-.4239	-.3580
241.120		.3089	.3326	-.3160	-.4077	-.3925
244.660	.3073	.3297	.3532	-.4166	-.4261	
248.200	.3273	.3460	.3908		-.4286	-.4357
251.740	.3515	.3543	.3994			
255.280		.3494	.2911	-.1447	-.4894	
323.510			.0193	-.1852	-.3224	-.4485
327.030			.0264	-.1904	-.3237	-.4441
330.590		.0668		-.1731	-.3177	-.4449
334.130	.0998	.0634	.0082	.0000	-.3321	-.4496
337.670	.0985	.0592	.0015	.0000	-.3452	-.4527
341.210	.0951	.0585	.0024	.0000	-.1752	
344.750		.0560	.0024	-.1752		

ARC11-716 IA14 Q4+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

A_PHAC(8) = 4.220   BETAO (7) = 1.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.4190	.4198	.4025	.3426								
186.380				.4188	.4139	.3799	.3023								
189.920			.4077	.4183	.3939	.3085	.2486								
193.460		.3919	.4079	.4338	.3565	.1923	.2774								
197.000	.3652	.3924	.4090	.0000	.0000	.1518	.3015								
200.540		.3414	.3802	.3588	.0508	.1954	.3193								
204.080			.2057	.1542	.0526	.0816	.1104								
207.620				.2082	.0711	.0939	.1688								
222.840											.2668	.2614	.2580	.2674	
226.380											.2860	.2684	.2655	.2703	
229.920										.2723	.3137	.2666	.2661	.2661	
233.460									.2619	.2933	.3423	.2572	.0000	.1747	
237.000								.2435	.2699	.3070	.0000				
240.540									.2671	.3041	.2611	.0000	.0044		
244.080										.2728		.1444	.1073	.1099	
248.200															.4482
337.670															.1119

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.3153	-.4817	-.3598
237.580		.4457	.4172	-.3500	-.4551	-.3629
241.120		.4770	.4680	-.2462	-.4301	-.3992
244.660	.4490	.5001	.5014		-.4308	-.4361
248.200	.4752	.5082	.5408		-.4371	-.4394
251.740	.4944	.4973	.5457			
255.280			.4265	-.0600	-.4992	
323.510			.0278	-.1730	-.3105	-.4363
327.030		.0812	.0413	-.1800	-.3165	-.4376
330.590		.0797	.0265	-.1633	-.3115	-.4439
334.130	.1171	.0791	.0252	.0000	-.3264	-.4504
337.670	.1174	.0727	.0234		-.3350	-.4582
341.210	.1195	.0727	.0242	.0000		
344.750				-.1602		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 Q1+T12+S12+25+AT1D ET ATTACH PTS.   (RB1233)

ALPHAO(8) = 4.450   BETAO (8) = 4.100

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8150
PHI															
182.840				.4133	.4153	.3944	.3406								
186.360				.4096	.4021	.3640	.2953								
189.920			.3975	.4091	.3847	.2925	.2408								
195.460		.3619	.3967	.4226	.3509	.1744	.2717								
197.000	.3168	.3396	.3915	.0000	.0000	.1299	.2938								
200.540		.3072	.3528	.3430	.0707	.1942	.3154								
204.080				.1926	.0681	.0959	.1263								
207.620			.2003	.2053	.0866	.1000	.1676			.3618	.3314	.3117	.3102	.3102	
222.840										.4124	.3634	.3174	.3078	.3065	
226.380										.4350	.3041	.3041	.2883	.3159	
229.920									.3553		.4264	.2701	.0000	.1438	
232.480									.3649		.4955				
237.000								.3148	.3592		.0000	.0000	.0517	.0996	
240.540										.4210	.3496		.1071		
244.080										.3693		.1699			
248.200															.6006
337.670															.1040

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.6228	.6396	.6385	-.2382	-.5647	-.4527
237.980	.6303	.6525	.6842	-.2308	-.5046	-.4249
241.120	.6353	.6575	.6873	-.1012	-.5114	-.4286
244.660		.6448	.6827		-.5019	-.4731
248.200		.6276	.6492	-.0139	-.5006	-.4851
251.740			.5365	-.1820	-.5130	-.4427
255.280				-.1895	-.3171	-.4406
323.510			.0183	-.1773	-.3218	-.4461
327.050		.0097	.0281	.0000	-.3165	-.4532
330.590	.1053	.0668	.0087		-.3315	-.4629
334.130	.1030	.0622	.0087			
337.670	.1038	.0593	.0056	.0000		
341.210		.0596	.0074	-.1705		
344.750						

DATE 27 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(8) = 4.410   BETA0 (9) = 6.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.3918	.3936	.3748	.3144								
186.383				.3773	.3734	.3316	.2543								
189.923			.3144	.3607	.3514	.2561	.1962								
193.460		.2947	.3320	.3801	.3265	.1484	.2330								
197.000	.2424	.2776	.3128	.0000	.0000	.1207	.2486								
200.540		.2698	.3027	.2995	.0819	.1651	.2707								
204.080			.2297	.1978	.0868	.1122	.1464								
207.620				.2857	.0996	.1158	.1590								
222.840											.3977	.3555	.3492	.3508	
226.380											.4405	.3638	.3479	.3443	
229.920										.4467	.5045	.3433	.3079	.3679	
233.460									.4351	.4988	.3109		.0000	.1421	
237.000								.3809	.4447	.5294	.6056				
240.540									.4291	.4996	.0000	.0000	.0248		
244.080										.4392	.4128	.2207	.1244	.1150	
246.200															.7043
337.670															.1018

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1635	-.6252	-.5061
237.580				-.1458	-.5269	-.4823
241.120		.7855	.8192	-.0028	-.5413	-.4729
244.660	.7367	.7861	.8154		-.5342	-.5508
248.200	.7375	.7721	.7998		-.5327	-.5082
251.740	.7552	.7555	.7392			
255.280		.7368	.6303	.0273	-.4946	-.4484
323.510			.0172	-.1836	-.3212	-.4439
327.050		.0638	.0262	-.1914	-.3256	-.4424
330.590		.0654	.0058	-.1787	-.3176	-.4476
334.130	.1021	.0571	.0042	.0000	-.3285	-.4557
337.670	.0995	.0560	-.0028	.0000		
341.210	.1045	.0579	.0024	-.1693	-.3361	
344.750						

ARO11-716 IA14 D1+T12+S12+S25+AT10 LT ATTACH PTS.   (RB1233)

ALPHA(0) = 4.410   BETA(0) = 0.150

SECTION LINE: ATTACH POINTS   PERCENT VARIABLE CF

X/C	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
162.840				.3280	.3390	.3387	.2731								
188.380				.3166	.3207	.2948	.2466								
189.920				.3173	.3150	.2805	.2191								
193.460			.2932	.3334	.3342	.2817	.2356								
197.000	.1603		.2844	.0000	.0000	.1451	.2450								
200.540		.2362	.2611	.2629	.0519	.1673	.2433								
204.080		.2261	.2541	.2036	.0975	.1179	.1454								
207.620		.2036	.2093	.2119	.1040	.1192	.1552								
222.640										.4413		.3919	.3847	.3886	
226.380										.4869		.4012	.3780	.3751	
229.920									.4920	.5533		.3753	.3392	.4087	
233.460									.4924	.5570	.6608	.3436	.0000	.1674	
237.000								.4236	.4744	.5819	.0000	.0000	.0665		
240.540										.5588	.4508	.2248	.1585	.1369	
244.080										.4903					
248.200															.7509
337.670															.0919

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.1252	-.6152	-.5475
237.580			.8522	-.1053	-.5639	-.5080
241.120			.8075	.0334	-.5606	-.5035
244.660	.7932	.8415	.8799		-.5558	-.5192
248.200	.7901	.8363	.8599		-.5611	-.5136
251.740	.7956	.8091	.7956	.0458	-.4952	
255.280		.6036	.6032	-.1523	-.3295	-.4614
323.510			.0115	-.2010	-.3379	-.4585
327.050		.0569	.0163	-.1936	-.3313	-.4577
330.590		.0512	-.0072	.0000	-.3434	-.4651
334.130	.0919	.0432	-.0126	.0000	-.3504	-.4734
337.670	.0639	.0310	-.0219			
341.210	.0811	.0274	-.0251	-.1968		
344.750						

TABULATED REGRESSION DATA - TAIWA - VOL. II

ARCH-TYG TA... G-T12+S12R25+ATI5 E. ATTACH PTS.

(MB1222)

... VARIABLE ...

	.9210	.9270	.9520	.9530	.9500	.4050	.4830	.4190	.4240	.8070	.8120	.6180	.3250	.8280	.5340	.8070	.3190
182.840							.2394	.3124	.2895								
186.380						.2818	.2977	.2892	.2526								
189.920			.2433			.2765	.2842	.2432	.2437								
193.460			.2226				.1663	.1663	.2399								
197.000	.2377		.1956					.1420	.2394								
200.540		.1266	.1957			.2105	.1310	.1798	.2224								
204.030			.1626			.2143	.1639	.1313	.1560								
207.620						.1941	.1161	.1613	.1764								
222.840													.4623	.4221	.4160	.4218	
226.380													.5344	.4322	.4095	.4108	
229.920												.5477	.6111	.3994	.3629	.4434	
233.460											.5420	.6132	.7360	.3553	.0000	.1825	
237.000									.4763		.5517	.6531	.0000	.0000	.0965		
240.540											.6308	.6236	.0000				
244.080												.5485	.5120	.2665	.2047	.1764	
268.230																	.8062
337.670																	.0480

	.9210	.9270	.9520	.9530	.9500	.9480
...	.9210	.9270	.9520	.9530	.9435	.9480
234...				-.0679	-.5742	-.5636
237.580		.9631	.9525	-.1551	-.4859	-.5359
241.120		.9522	.4470	-.5715	-.5723	-.5239
244.660	.8463		.5252	-.594	-.594	-.9362
248.200	.8437		.8564	-.0815	-.0815	-.1263
251.740	.8481		.762			
...			.4617	.2663	-.4349	-.4615
...			.265	.2155	.5115	-.4836
327.050		.0223	.365	-.2297	-.1524	-.4815
...		.139	.5333	.5234	-.5435	-.4807
...	.1471	-.0058		.7205	-.3567	-.4907
...	.0238	-.0129	.754	.5	-.3809	-.4986
...		-.0223	.5553	.2347		

ARC11-716 1A14 J4+T12+S12+S25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(B) = 6.340   BETA(1) = -9.960

SECTION 1 (ET ATTACH POINTS)   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.8160
PHI															
102.043				.5397	.5532	.5245	.4362								
106.380				.5693	.5802	.5288	.3613								
109.920			.5610	.6051	.5968	.4278	.0966								
193.460		.5260	.5985	.6489	.5736	.0754	.0703								
197.030	.4544	.5444	.6134	.0000	.0000	.2280	.0589								
200.540		.4946	.5773	.5553	.2538	.0793	.2126								
204.060			.1852	.1113	.2739	.2139	.0862								
207.620				.1528	.2130	.1971	.0924								
222.040											.1636	.1605	.1717	.1790	
226.580											.1737	.1670	.1720	.1821	
229.920										.1675	.1890	.1732	.1743	.1793	
233.480									.1582	.1737	.2013	.1823	.0000	.1251	
237.000								.1444	.1574	.1768	.0000	.0000	.0494	.0984	
240.540									.1514	.1680	.0000	.0906	.0753		
244.060										.514	.1410				.2495
337.670															.0356

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3601	-.4276	-.3691
237.580		.2661	.2594	-.3831	-.4026	-.3594
241.120		.2807	.2967	-.3091	-.3669	-.3657
244.660	.2498	.2851	.3107		-.3659	-.3871
248.200	.2607	.2638	.3216		.3354	-.4375
251.740	.2669	.2096	.3048			
255.280			.1448	-.2567	-.4349	-.4245
325.510				-.1861	-.3103	-.4545
327.050		.0226	-.0228	-.2070	-.3372	-.4747
330.590		.0118	-.0204	-.2054	-.3620	-.4875
334.130	.0508	.0022	-.0398	.0000	-.3868	-.4977
337.670	.0390	-.0095	-.0519	.0000	-.3965	
341.210	.0247	-.0160	-.0608			
344.750			-.0621	-.2497		

ARC11-716 1A14 D+T12+512M25+RATIO ET ATTACH PTS.   (681233)

ALPHA(9) =   6.300   BETAO (2) =   -7.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI
182.840				.5269	.5360	.5063	.4168								
186.390				.5446	.5570	.5078	.3436								
189.920			.5314	.5773	.5793	.4071	.0817								
193.480		.4478	.5402	.6136	.5558	-.0730	-.0116								
197.000	.4323	.4924	.5547	.0000	.0000	-.1458	.1133								
200.540		.4481	.5161	.4919	-.1612	-.0316	.2182								
204.080			.1871	.1192	-.1599	-.1139	-.0126								
207.620				.1747	-.1221	-.1380	-.0360								
222.840												.1017	.1093	.1978	
226.380											.1848	.1879	.1888	.2005	
229.920									.1799	.2009	.1988	.1939	.1914	.1974	
233.480								.1646	.1806	.2053	.2203	.1993	.0000	.1320	
237.000									.1793	.2016	.2428				
240.540											.0000	.0000	.0455		
244.080										.1804	.1690	.0951	.0741	.0972	
246.230															.2877
337.670															.0488

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
PHI
234.040				-.3499	-.4207	-.3650
237.580			.2978	-.3697	-.3962	-.3529
241.120		.3061	.3380	-.2894	-.3548	-.3553
244.660	.2872	.3155	.3479		-.3491	-.3723
248.200	.2873	.3227	.3639		-.3702	-.3942
251.740	.3030	.3025	.3530			
255.280		.2401	.1776	-.2321	-.4339	
323.510				-.1536	-.2769	-.3906
327.050		.0005	.0049	-.1742	-.3023	-.4201
330.590			.0146	-.1739	-.3297	-.4441
334.130	.0030	.0516	-.0030	.0000	-.3569	-.4582
337.670	.0498	.0441	-.0121		-.3663	-.4713
341.210	.0788	.0369	-.0180	.0000		
344.750		.0548	-.0155	-.2091		

AF01-716 TA14 CB+T12+S12+25+ATI0 ET ATTACH PTS.   (RB1233)

ALPHAS 91 = 5.500   BETA0 (5) = -6.000

SECTION (1) ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.000				.5077	.5160	.4801	.3915								
186.580				.5217	.5243	.4737	.3093								
189.920			.5119	.5422	.5350	.3619	.0773								
193.460		.4792	.5277	.5809	.4363	-.0137	.0919								
197.000		.4953	.5428	.0000	.0000	-.0502	.1800								
200.540	.4431	.4546	.5164	.4575	.1029	.0205	.2553								
204.080			.2268	.1653	.0967	-.0464	.0274								
207.620				.2294	-.0656	-.0490	-.0226								
222.840											.1560	.1560	.1682	.1765	
226.380											.1658	.1617	.1671	.1734	
229.920									.1536	.1596	.1782	.1669	.1692	.1723	
233.460									.1578	.1713	.2652	.1561	.0000	.1216	
237.000								.1433	.1555	.1738	.0000	.0000	.0512		
240.540										.1648	.1542	.0976	.0823	.0028	
244.080															.2601
337.670															.1251

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.1053	-.3485	-.4043	-.3434
237.580		.2777	.2350	-.3772	-.3714	-.3371
241.120		.2940	.3225	-.3177	-.3380	-.3423
244.660	.2660	.3083	.3275		-.3401	-.3622
248.200	.2802	.2987	.3555		-.3529	-.3797
251.740	.2919	.2574	.3586			
255.280			.1053	-.2257	-.4149	-.3810
323.510				-.1349	-.2626	-.4042
327.050			.0252	-.1532	-.2822	-.4223
330.590		.0888	.0333	-.1495	-.3016	-.4361
334.130	.1301	.0670	.0268	.0000	-.3261	
337.670	.1246	.0059	.0239		-.3397	-.4460
341.810	.1180	.0778	.0211	.0000		
344.750		.0735	.0231	-.1685		

ARC11-716 1A14 OX+TI2+SI2+25+AT10 ET ATTACH FTS.   (R81233)

ALPHAO(9) = 3.990   BETAO(4) = -4.010

SECTION (1)ET ATTACH POINTS   DEFENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI														.8390	.9160
182.840				.4862	.4878	.4560	.3726								
186.380				.4981	.4981	.4481	.2995								
189.920			.4950	.5210	.5028	.3485	.1383								
193.460		.4597	.5054	.5664	.4804	.0723	.2042								
197.000	.4198	.4717	.5184	.0000	.0000	.0418	.2412								
200.540		.4291	.4836	.4631	-.0124	.1111	.3108								
204.080			.2128	.1371	-.0021	.0518	.1082								
207.620				.2284	.0279	.0415	.1130								
222.840											.1451	.1436	.1501	.1556	
226.380											.1519	.1457	.1509	.1577	
229.920											.1685	.1485	.1509	.1545	
233.460									.1423	.1467	.1882	.1490	.0000	.1166	
237.000								.1343	.1449	.1646					
240.510									.1475	.1651	.0000	.0000	.0484	.0904	
244.060										.1542	.1475	.0930	.0730		
246.200															.2545
337.670															.1019

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			-.3451	-.3960	-.3335	
237.580			.2172	-.3795	-.3767	-.3327
241.120		.2393	.2668	-.3480	-.3483	-.3468
244.660	.2457	.2699	.2992		-.3595	-.3842
248.200	.2672	.2976	.3417		-.3824	-.3996
251.740	.2862	.3007	.3578			
255.280		.2761	.2317	-.1966	-.4365	-.4166
323.510			.0138	-.1684	-.2979	-.4321
327.050			.0247	-.1781	-.3094	-.4454
330.590		.0673	.0128	-.1690	-.3217	-.4548
334.130	.1050	.0673	.0102	.0000	-.3429	-.4590
337.670	.1037	.0642	.0091	.0000	-.3535	
341.210	.1026	.0623	.0130	-.1763		
344.750		.0629				

ARC11-716 IA14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(9) = 6.010   BETAO(5) = -2.060

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9160
PHI															
182.840				.4523	.4580	.4351	.3595								
186.380				.4489	.4551	.4223	.2969								
189.920			.4126	.4434	.4432	.3252	.1755								
193.460		.3710	.4076	.4723	.4449	.1528	.2226								
197.000	.3435	.3715	.4006	.0000	.0000	.1358	.2658								
200.540		.3383	.3664	.3495	.0571	.2002	.2936								
204.080			.1935	.1296	.0532	.0929	.1176								
207.620				.2028	.0707	.0947	.1552								
222.840											.1552	.1590	.1622	.1664	
226.380											.1585	.1583	.1625	.1671	
229.920										.1515	.1658	.1588	.1625	.1666	
233.460									.1484	.1572	.1741	.1616	.0000	.1360	
237.000								.1409	.1474	.1590	.0000	.0000	.0826		
240.540									.1495	.1609	.1466	.1140	.0023	.1194	
244.080										.1531					.2400
248.200															.1020
337.67															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3385	-.4137	-.3392
237.580			.1958	-.3964	-.3917	-.3483
241.120		.2127	.2366	-.3732	-.3748	-.3710
244.660	.2237	.2472	.2667		-.3933	-.4126
248.200	.2327	.2719	.3201		-.4116	-.4223
251.740		.2874	.3440			
255.280	.2777	.2835	.2267	-.1806	-.4591	
323.510				-.1851	-.3094	-.4236
327.050			.0017	-.1893	-.3138	-.4319
330.590			.0146	-.1752	-.3201	-.4411
334.130	.0997	.0569	.0050	.0000	-.3392	-.4518
337.670	.1026	.0598	.0042		-.3543	-.4586
341.210	.1037	.0606	.0061	.0000		
344.750		.0621	.0149	-.1780		

ARC11-716 IA14 C4+T12+S12M25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(9) = 6.020   BETA0 (6) = .050

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3919	.3950	.3809	.3270								
186.380				.3792	.3792	.3506	.2687								
189.920			.3556	.375 5	.3598	.2753	.1975								
193.460		.3328	.3517	.3833	.3326	.1667	.2222								
197.000	.3095	.3258	.3440	.0000	.0000	.1428	.2574								
200.540		.2958	.3206	.2911	.0775	.1845	.2717								
204.080			.2040	.1537	.0559	.0783	.1001								
207.620				.1817	.0665	.0988	.1509								
222.840											.2188	.2191	.2233	.2264	
226.380											.2274	.2269	.2280	.2301	
229.920										.2149	.2430	.2349	.2283	.2360	
233.460									.2014	.2222	.2430	.2487	.0000	.1733	
237.000								.1880	.2025	.2266	.2370	.0000	.0324		
240.540									.2002	.2144	.0000	.0000	.1086	.1335	
244.080										.2043	.1631	.1338	.1086		
248.200															.3300
337.670															.1086

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3519	-.4486	-.3522
237.580		.3090	.2898	-.3939	-.4223	-.3635
241.120			.3350	-.3224	-.4064	-.3982
244.660	.3212	.3402	.3638		-.4210	-.4283
248.200	.3430	.3638	.4068		-.4377	-.4361
251.740	.3744	.3806	.4224			
255.280		.3827	.3230	-.1232	-.4850	
323.510				-.1813	-.3138	-.4340
327.050			.0144	-.1871	-.3146	-.4340
330.590			.0245	-.1691	-.3115	-.4374
334.130	.1076	.0662	.0128	.0000	-.3285	-.4455
337.670	.1094	.0683	.0143		-.3434	-.4515
341.210	.1145	.0673	.0143	.0000		
344.750		.0712	.0211	-.1636		

ARC11-716 IA14 04+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(0) = 8.010   BETA0(7) = 2.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.4015	.4016	.3804	.3292								
186.380				.3985	.3944	.3660	.2863								
189.920			.3802	.3913	.3801	.2952	.2305								
193.460			.3807	.4022	.3511	.1793	.2470								
197.000	.3247	.3350	.3696	.0000	.00.0	.1470	.2773								
200.540		.3509	.3431	.3155	.0917	.1995	.2950								
204.080		.3146	.2271	.1743	.0728	.0962	.1216								
207.620				.2039	.0823	.1088	.1691								
222.840												.2553	.2558	.2589	
226.380											.2558	.2592	.2356	.2618	
229.920										.2640	.2717	.2538	.2548	.2578	
233.460									.2552	.2869	.3028	.2439	.0000	.1632	
237.000								.2297	.2671	.3966	.3409	.0000			
240.540										.3027	.0000	.0000	.0829		
244.080									.2671	.2749	.2657	.1561	.1239	.1230	
248.200															.4577
237.670															.1178

PHI

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3174	-.4807	-.3617
237.580		.4517	.4228	-.3380	-.4459	-.3591
241.120		.4817	.4865	-.2310	-.4327	-.3962
244.660	.4616	.5056	.5047		-.4322	-.4334
248.200	.4738	.5079	.5441		-.4353	-.4370
251.740	.4866	.4931	.5317			
255.280			.4069	-.0732	-.4870	
323.510			.0361	-.1705	-.3113	-.4414
327.050			.0449	-.1770	-.3157	-.4399
330.590	.1201	.0861	.0281	-.1624	-.3105	-.4438
334.130	.1178	.0814	.0254	.0000	-.3256	-.4472
337.670		.0765	.0239	.0000	-.3348	-.4537
341.210	.1187	.0726	.0210	.0000		
344.750		.0737	.0210	-.1608		

ARC11-716 1A14 CA+T12+S12N&5+AT10 I.T ATTACH PTS.   (RB1233)

ALPHAO(9) = 5.990   BETAO(8) = 4.060

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CF

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.3930	.4075	.3825	.3320							.8390	.8160
186.380				.3850	.3796	.3425	.2753								
189.920			.3521	.3677	.3490	.2589	.2030								
193.460		.3169	.3418	.3780	.3297	.1484	.2189								
197.000	.2781	.3040	.3299	.0000	.0000	.1158	.2473								
200.540		.2841	.3112	.2921	.0622	.1707	.2561								
204.080			.2123	.1606	.0645	.0876	.1153								
207.620				.1880	.0755	.0978	.1470								
222.840												.3266	.3190	.3234	
226.380												.3315	.3190	.3190	
229.920											.3483	.3175	.2973	.3343	
233.460									.3791	.3876	.4510	.2901	.0000	.1572	
237.000								.3240	.3698	.4300	.4559	.5211			
240.540									.3801	.4360	.0000	.0000	.0407		
244.080									.3672	.3783	.3552	.1722	.1142	.1057	
248.200															.6113
337.670															.1166

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2206	-.5682	-.4516
237.580			.6679	-.2089	-.4953	-.4244
241.120			.6980	-.0774	-.5013	-.4260
244.660	.6348	.6817	.7130		-.4901	-.4672
248.200	.6434	.6651	.7019		-.4854	-.4766
251.740	.6496	.6594	.6568			
255.280		.6454	.5426	-.0214	-.4969	
323.510			.0348	-.1701	-.3076	-.4372
327.050			.0446	-.1776	-.3144	-.4375
330.590		.0868	.0280	-.1620	-.3084	-.4430
354.130	.1223	.0842	.0280	.0000	-.3243	-.4497
337.670	.1202	.0804	.0288		-.3308	-.4586
341.210	.1187	.0762	.0285	.0000		
344.750		.0754	.0283	-.1550		

TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 D1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(9) = 3.980   BETAO(9) = 6.090

SECTION (1)EI ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9190
PHI														.8390	.9190
182.840				.3512	.3522	.3296	.2 5								
186.380				.3219	.3150	.2793	.2041								
189.920			.2850	.3062	.2938	.2100	.1536								
193.460		.2926	.2813	.3232	.2891	.1159	.1805								
197.000	.2154	.2423	.2669	.0000	.0000	.0923	.2075								
200.540		.2420	.2643	.2511	.0476	.1397	.2144								
204.080			.2058	.1753	.0520	.1146	.1028								
207.620				.1779	.0592	.0823	.1261								
222.840											.4172	.3753	.3725	.3743	
226.380											.4612	.3857	.3652	.3670	
229.920										.4602	.5285	.3686	.3372	.3916	
233.460									.4449	.5135	.6090	.3432	.0000	.1808	
237.000								.3846	.4467	.5366	.0000	.0000			
240.540									.4310	.5070	.0000	.0000	.0482		
244.080										.4423	.4066	.2052	.1340	.1148	
248.200															.6959
337.670															.1055

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1580	-.6133	-.4910
237.580		.7752	.7629	-.1421	-.5148	-.4646
241.120		.7775	.8135	-.0095	-.5287	-.4589
244.600	.7288	.7653	.8163	-.5133	-.4899	
248.200	.7278	.7410	.7910	-.5120	-.4858	
251.740	.7241	.7347	.7208			
255.280			.6175	.0109	-.4889	
323.510				-.1780	-.3140	-.4437
327.050		.0721	.0247	-.1861	-.3208	-.4419
330.590		.0711	.0330	-.1749	-.3140	-.4445
334.130	.1096	.0687	.0138	.0000	-.3281	-.4511
337.670	.1055	.0633	.0146		-.3341	-.4605
341.210	.1094	.0622	.0133	.0000		
344.750			.0138	-.1645		

ARC11-716 IA14 O1+T12+S12N23+AT1O ET ATTACH PTS.   (RB1233)

ALPHAO(9) =   5.970   BETAO (10) =   8.160

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.2758	.2826	.2693	.2270								
186.380				.2621	.2743	.2454	.1974								
189.920			.2406	.2655	.2647	.2041	.1784								
193.460		.1861	.2321	.2828	.2531	.1287	.1818								
197.000	.1154	.1785	.2215	.0000	.0000	.0958	.1910								
200.540		.1651	.2148	.2233	.0578	.1353	.1980								
204.080			.1790	.1775	.0609	.0784	.1035								
207.620				.1767	.0635	.1340	.1222								
222.840												.4118	.4088	.4095	
22?.380												.4232	.4010	.4012	
229.920											.4492	.4059	.3603	.4337	
233.460									.4834	.5092	.5072	.3846	.0000	.2153	
237.000								.4209	.4924	.5641	.5831				
240.540									.4691	.5913	.6641				
244.080										.5522	.0000	.0000	.0669		
248.200										.4774	.4403	.2256	.1515	.1237	.7280
337.670															.1084

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1251	-.6144	-.5373
237.580				-.1032	-.5468	-.4963
241.120		.8206	.8743	.0345	-.5461	-.4957
244.660	.7737	.8279	.8665		-.5395	-.5132
248.200	.7682	.8167	.8367		-.5398	-.5033
251.740	.7600	.7828	.7630			
255.280		.7675	.6531	.0140	-.4915	
323.510				-.1767	-.3154	-.4468
327.050			.0324	-.1840	-.3222	-.4463
330.590		.0791	.0363	-.1762	-.3185	-.4468
334.130	?5	.0703	.0119	.0000	-.3305	-.4568
337.670	1..5	.0602	.0023		-.3399	-.4672
341.210	.9999	.0506	-.0060	.0000		
344.750		.0472	-.0060	-.1838		

ARC11-716 IA14 Q4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA0(9) = 5.950   BETA0 (11) = 10.160

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8360	.8160
182.040				.2300	.2325	.2516	.2318								
186.380				.2287	.2426	.2385	.2175								
189.920			.1839	.2194	.2349	.2059	.1967								
193.460		.0901	.1617	.2271	.2203	.1561	.2002								
197.000	.0267	.0727	.1397	.0000	.0000	.1322	.2013								
200.540		.0732	.1356	.1676	.1065	.1461	.1861								
204.080			.1247	.1732	.0867	.0875	.1124								
207.620				.1420	.0795	.1114	.1322								
222.840												.4427	.4384	.4418	
226.380											.4953	.4580	.4327	.4322	
229.920										.5492	.5502	.4380	.3968	.4623	
233.460									.5295	.6132	.6357	.4100	.0000	.2358	
237.000								.4611	.5360	.6399	.7174	.0000			
240.540									.5129	.6005	.0000	.0000	.0957		
244.080										.5183	.4766	.2521	.1846	.1464	
248.200														.7572	
337.670															.0640

PHI

X/LT	.9210	.9270	.9320	.9360	.9430	.9480
234.040				-.0828	-.5663	-.5548
237.580			.9121	-.0369	-.5637	-.5167
241.120		.8672	.9225	.0711	-.5545	-.5128
244.660	.8060	.8641	.9069		-.5535	-.5279
248.200	.7987	.8459	.8719		-.5569	-.5154
251.740	.8003	.8177	.7894			
255.280		.7995	.6859	.0190	-.4950	
323.510			.0053	-.2023	-.3377	-.4696
327.050		.0424	.0058	-.2096	-.3486	-.4699
330.590		.0356	-.0223	-.2033	-.3453	-.4696
334.130	.0711	.0224	-.0348	.0000	-.3534	-.4791
337.670	.0599	.0938	-.0431	.0000	-.3656	-.4866
341.210	.0907	-.0022	-.0517	-.2197		
344.750						

ARC11-716 IA14 D1+112+S12+25+AT10 ET ATTACH PTS.   (R81293)

ALPHAG(10) = 7.910   BETAO(1) = -10.030

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.840				.5240	.5364	.5098	.4239								
188.380				.5447	.5607	.5169	.3539								
169.920			.5328	.5798	.5793	.4229	.0970								
193.480		.4960	.5614	.6155	.5594	-.0760	-.0753								
197.000	.4335	.5097	.5677	.0000	.0000	.2031	.0650								
200.540		.4567	.5312	.5147	-.0559	-.0559	.1957								
204.080			.1589	.0867	-.2604	-.2364	-.1035								
207.620				.1338	-.2280	-.2062	-.0858								
222.840											.1633	.1558	.1705	.1790	
226.380											.1734	.1656	.1710	.1752	
229.920										.1646	.1878	.1718	.1757	.1780	
233.460										.1721	.1992	.1850	.0000	.1259	
237.000									.1556	.1739					
240.540								.1416	.1550	.1672	.0000	.0000	.0481	.0972	
244.080									.1496	.1509	.1398	.0936	.0763		
248.290															.2418
337.670															.0401

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040		.2574	.2600	-.3599	-.4260	-.3732
237.580			.2970	-.3807	-.4043	-.3636
241.120			.3044	-.3044	-.3643	-.3654
244.660	.2436	.2693	.3114	-.3677	-.3677	-.3883
248.200	.2301	.2738	.3083	-.3812	-.3812	-.4049
251.740	.2575	.2548	.2931			
255.280		.2036	.1291	-.2671	-.4245	-.4338
323.510				-.1860	-.3178	-.4635
327.030	.0291		-.0190	-.2059	-.3433	-.4802
330.590	.0182		-.0164	-.2020	-.3664	-.4893
334.130	.0565	.0089	-.0354	.0000	-.3665	
337.670	.0474	.0001	-.0444	.0000	-.3940	-.4981
341.210	.0337	-.0150	-.0488			
344.750			-.0486	-.2409		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAD(10) = 7.930   BETAD(?) = -8.030

DEPENDENT VARIABLE CP

SECTION ( )JET ATTACH POINTS

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8380	.8160
PHI															
182.840				.5056	.5172	.4895	.4015								
186.380				.5177	.5296	.4841	.3260								
189.920			.4989	.5445	.5394	.3802	.0746								
193.460		.4539	.5211	.5768	.5146	-.0724	-.0034								
197.000	.4080	.4686	.5211	.0000	.0000	-.1355	.1248								
200.540		.4227	.4821	.4467	-.1584	-.0149	.2103								
204.080			.1766	.1116	-.1589	-.1130	-.0224								
207.620				.1666	-.1281	-.0977	-.0318								
222.840											.1842	.1806	.1904	.1982	
226.380										.1898	.1982	.1886	.1912	.1985	
229.920										.1997	.2198	.1945	.1943	.1990	
233.460								.1811	.2074	.2353	.2010	.0000	.1292	
237.000							.1632	.1813		.0000	.0000	.0430		.0994	
240.540								.1751	.1793	.1649	.1025	.0758			
244.080															.2805
248.200															.0850
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3543	-.4254	-.3643
237.580		.3023	-.3697	-.4012	-.3529	
241.120		.2999	.3444	-.2914	-.3594	-.3557
244.660	.2851	.3085	.3473	-.3526	-.3750	
248.200	.2908	.3152	.3906	-.3685	-.3948	
251.740	.2963	.2950	.3382			
255.280		.2415	.1736	-.2428	-.4296	
323.510				-.1658	-.2951	-.4133
327.050		.0616	.0125	-.1823	-.3180	-.4414
330.590		.0543	.0174	-.1766	-.3380	-.4578
334.130	.0966	.0484	-.0004	.0000	-.3594	-.4664
337.670	.0886		-.0067	.0000	-.3674	-.4744
341.210	.0822	.0635	-.0119	.0000		
344.?0		.0415	-.0080	-.2070		

ARC11-716 1A14 O1+112+S12N25+ATIO ET ATTACH PTS.   (R81233)

ALPHAD(10) =   7.610   BETAD (5) = -5.970

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4689	.4743	.4402	.5586								
186.380				.4798	.4826	.4259	.2836								
189.920			.4689	.4966	.4787	.3235	.0734								
193.460		.4439	.4803	.5265	.4343	-.0091	.1016								
197.000	.4137	.4607	.4981	.0000	.0000	-.0382	.1768								
200.540		.4224	.4803	.4397	-.0980	.0143	.2360								
204.080			.2259	.1683	-.0883	-.0335	.0220								
207.620				.2243	-.0659	-.0358	.0187								
222.840											.1745	.1740	.1758	.1911	
226.380											.1835	.1761	.1836	.1900	
229.920										.1768	.2001	.1812	.1856	.1916	
233.460									.1703	.1840	.2202	.1835	.0000	.1402	
237.000								.1577	.1737	.1928	.0000	.0000			
240.540									.1683	.1876	.1621	.1128	.0665	.1195	
244.080										.1714			.0952		
248.200															.2001
337.670															.1384

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3509	-.4111	-.3506
237.580			.2808	-.3720	-.3841	-.3425
241.120		.2771	.3136	-.3041	-.3479	-.3483
244.660	.2671	.2934	.3278		-.3472	-.3699
248.200	.2779	.3004	.3408		-.3568	-.3817
251.740	.2844	.2831	.3325			
255.280		.2360	.1665	-.2407	-.4191	
323.510				-.1357	-.2657	-.3864
327.090		.1002	.0403	-.1504	-.2868	-.4099
330.590		.1002	.0522	-.1437	-.3050	-.4289
337.150	.1418	.0961	.0385	.0000	-.3274	-.4409
337.670	.1392		.0557		-.3381	-.4487
341.210	.1349	.0932	.0329	.0000		
344.750		.0943	.0365	-.1585		

ARC11-716 IA14 C6+T12+S12+25+AT1D ET ATTACH PTS.   (RB1233)

ALPHA(101) = 7.030   BETA3 (4) = -4.000

DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
102.840				.4437	.4459	.4151	.3403								
186.380				.4515	.4495	.4057	.2746								
189.920			.4468	.4722	.4531	.3133	.1419								
193.480		.4246	.4692	.5063	.4187	.0837	.1966								
197.000	.3906	.4396	.4772	.0000	.0000	.0467	.2291								
200.540		.3957	.4478	.4237	-.0106	.1089	.2922								
204.080			.2207	.1393	-.0001	.0455	.0994								
207.620				.2291	.0265	.0398	.1061								
222.840												.1613	.1669	.1744	
226.380											.1613	.1647	.1687	.1759	
229.920										.1636	.1751	.1673	.1684	.1729	
233.480									.1802	.1744	.1866	.1673	.0000	.1295	
237.000								.1517	.1646	.1821	.2078	.0000	.0622		
240.540									.1638	.1790	.0000	.0090	.0893	.1075	
244.080										.180	.1583	.1048			
248.290															.2456
337.670															.1093

X/T	.9240	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3438	-.3971	-.3377
237.590			.2416	-.3706	-.3737	-.3283
241.120		.2502	.2834	-.3225	-.3472	-.3387
244.660	.2422	.2681	.2948		-.3492	-.3762
248.200	.2347	.2748	.3150		-.3721	-.3905
251.740	.2666	.2673	.3126			
255.280		.2290	.1558	-.2464	-.4075	
323.510				-.1523	-.2848	-.4053
327.050			.0361	-.1655	-.2997	-.4264
330.590		.0064	.0459	-.1528	-.3130	-.4415
334.130	.1220	.0861	.0309	.0000	-.3335	-.4519
337.670	.1171	.0794	.0272	.0000	-.3465	-.4577
341.210	.1120	.0771	.0251			
344.750		.0736	.0256	-.1699		

ARC11-716 IA14 CA+T12+S12N25+AT10 ET ATTACH PTS.   (R81255)

ALPHA0101 = 7.050   BETA0(5) = -2.050   DEPENDENT VARIABLE CP

SECTION (1)ET ATTACH POINTS

X/LT	.3960	.3970	.4020	.4060	.4130	.4190	.4240	.8070	.8120	.8180	.8250	.8280	.8340	.8390	.9180
PHI															
182.000				.4177	.4229	.3999	.3353								
186.300				.4211	.4257	.3963	.2831								
189.920			.3904	.4103	.4216	.3153	.1801								
193.400		.3450	.3685	.4451	.4199	.1489	.2182								
197.000	.3303	.3502	.3726	.0000	.0000	.1379	.2550								
200.540			.3702	.3280	.0679	.1926	.2831								
204.000		.3262	.2190	.1504	.0617	.1038	.1244								
207.620				.2058	.0761	.1058	.1587								
222.040											.1683	.1716	.1743	.1747	
226.360											.1732	.1740	.1768	.1734	
229.920										.1662	.1820	.1737	.1770	.1750	
233.460									.1626	.1729	.2034	.1701	.0000	.1419	
237.000								.1572	.1649	.1822	.0000	.0000			
240.540									.1652	.1801	.1805		.0797		
244.080										.1680		.1112	.1008	.1194	
248.200															.2300
337.670															.1153

X/LT	.8210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.2254	-.3275	-.3997	-.3328
237.580			.2610	-.3769	-.3831	-.3276
241.120		.2282	.2762	-.3343	-.3639	-.3502
244.660	.2241	.2442	.3013		-.3774	-.3940
248.200	.2380	.2589	.2896		-.3886	-.4012
251.740	.2509	.2532	.1523	-.2509	-.4096	-.4116
255.280		.2290		-.1574	-.2883	-.4260
323.510		.0909	.0401	-.1645	-.2995	-.4390
327.050		.0912	.0322	-.1497	-.3068	-.4478
330.590	.1272	.0931	.0396	.0000	-.3266	-.4512
334.130	.1285	.0931	.0385	.0000	-.3375	
337.670	.1270	.0886	.0383	-.1515		
341.210		.0891	.0447			
344.750						

DATE 27 JAN 75   TABULATED PRESSURE DATA - 1414A - V1.11

ARC(1)-715 1414 3X-T12-S12-25+A11U ET ATTACH FTS.   (RB1233)

A. MACH(0) = 7.84?   BETA(0) B. =   .04?

SECTION (1.0) ATTACH FLAP 9   DEPENDENT VARIABLE CP

	.3610	.3970	.4020	.4080	.4155	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.840				.3717	.3746	.3602	.3085								
186.380				.3564	.3575	.3251	.2555								
189.920			.3384	.3472	.3379	.2633	.1853								
193.460			.3328	.3596	.3196	.2433	.2059								
197.000	.2974	.3197	.3261	.3260	.3040	.2212	.2405								
200.540		.3127	.3290	.2794	.2740	.1675	.2551								
204.080		.2869	.2183	.1677	.1597	.0833	.1014								
207.620				.1847	.0730	.0971	.1422								
222.840											.2194	.2214	.2257	.2280	
226.380											.2273	.2248	.2260	.2285	
229.920									.2173	.2405	.2261	.2272	.2332	
233.460								.2080	.2240	.2485	.2341	.0000	.1758	
237.000							.1964	.2055	.2902	.2000				
240.541								.2654	.2240	.0000	.0000	.0953		
244.080									.2096	.2093	.1389	.1236	.1391	
337.673														.3123
														.1849

	.9210	.9270	.9320	.9380	.9430	.9480
234.040				-.3351	-.4365	-.3376
237.580			.2958	-.3775	-.4118	-.0344
241.120		.3125	.3286	-.3111	-.3633	-.3936
244.660	.3376	.3361	.3616		-.3983	-.4144
248.200	.3267	.3456	.3947		-.4064	-.4177
251.740	.3422	.3461	.3695			
255.280		.3490	.2674	-.1846	-.4466	
323.510				-.1000	-.2955	-.4155
327.050			.0350	-.1673	-.3017	-.4242
330.590	.1293	.0923	.0550	-.1493	-.3036	-.434
334.130	.1301	.0913	.0396	.0000	-.3218	-.4458
337.670	.1292	.0905	.0458	.0000	-.3348	-.4497
341.210		.0907	.0419			
344.750		.0936	.0472	-.1444		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D1+T12+S12H25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAQ(10) = 7.830   BETAQ(7) = 2.040

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.9390	.9160
PHI															
182.840				.3863	.3869	.3603	.3074								
186.380				.3861	.3827	.3477	.2743								
189.920			.3635	.3775	.3667	.2781	.2062								
193.460		.3309	.3542	.3894	.3385	.1487	.2131								
197.000	.3126	.3268	.3460	.0000	.0000	.1176	.2450								
200.540		.2931	.3208	.2905	.0459	.1720	.2609								
204.090			.2051	.1396	.0385	.0629	.0816								
207.620				.1815	.0511	.0765	.1309								
222.840												.2546	.2592	.2600	
226.380												.2600	.2621	.2600	
229.920											.2579	.2572	.2626	.2696	
233.460									.2579	.2698	.2561	.0000	.1889	
237.000								.2530	.2844	.2927	.3269			
240.540							.2372	.2616	.2986		.0000	.0000	.1049	
244.080								.2579	.2924	.2494	.1692	.1428	.1524	
248.200									.2714					.4460
337.670															.1184

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3053	-.4877	-.3673
237.580			.4244	-.3319	-.4553	-.3590
241.120		.4496	.4781	-.2323	-.4271	-.3945
244.660	.4553	.4745	.4968		-.4303	-.4266
248.200	.4673	.4978	.5344		-.4360	-.4370
251.740	.4821	.4921	.5154			
255.280		.4918	.4011	-.0898	-.4830	-.4384
323.510				-.1764	-.3127	-.4365
327.050			.0263	-.1843	-.3164	-.4386
330.590		.0771	.0358	-.1657	-.3101	-.4431
334.130	.1166	.0776	.0237	.0000	-.3237	-.4493
337.670	.1197	.0773	.0211		-.3341	
341.210	.1219	.0771	.0231	.0000		
344.750		.0797	.0307	-.1543		

ASCI1-715 IA14 O1+T12+S12+25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAD(1G) = 7.873   BETAD (B) = 4.060

SECTION (I DET ATTACH POINTS)   DEPENDENT VARIABLE CP

PHI	.3910	.3970	.4020	.4080	.4150	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.3941	.3875	.3668	.3138								
186.380				.3698	.3600	.3274	.2451								
189.920			.3374	.3459	.3217	.2356	.1589								
193.460		.2914	.3174	.3620	.3169	.0998	.1731								
197.000	.2566	.2844	.3194	.0000	.0000	.0650	.2045								
200.540		.2644	.2880	.2706	.0121	.1263	.2212								
204.080			.1590	.1571	.0059	.0329	.0663								
207.620				.1460	.0223	.0445	.0904								
222.840											.3591	.3344	.3316	.3373	
226.380											.3923	.3443	.3371	.3384	
229.920											.4507	.3583	.3186	.3488	
233.460									.3705	.3640	.4968	.3207	.0000	.1921	
237.000								.3248	.3754	.4273	.0000	.0000			
240.540									.3632	.4481		.0000	.0747	.1264	
244.080										.4239		.1877	.1352		
248.200										.3725	.3464				.5933
337.670															.1160

X/LT	.9210	.9270	.9320	.9380	.9430	.9480

PHI						
254.040				-.2150	-.5617	-.4427
237.580		.6497	.6544	-.2092	-.4550	-.4178
241.120		.6676	.6801	-.0829	-.4870	-.4184
244.660	.5200	.6676	.6845		-.4711	-.4565
248.200	.6268	.6567	.6895		-.4689	-.4646
251.740	.6320	.6422	.6282			
255.280		.6323	.5269	-.0361	-.4837	
323.510				.1719	-.3106	-.4416
327.050			.0364	-.1779	-.3146	-.4400
330.590	.1250	.0853	.0461	-.1638	-.3072	-.4424
334.130	.1207	.0834	.0279	.0000	-.3198	-.4456
337.670	.1185	.0793	.0242		-.3279	-.4542
341.210		.0741	.0237	.0000		
344.750		.0762	.0266	-.1570		

ARC11-716 IA14 O1+T12+S12N25+AT1O ET ATTACH PTS.　　　　(RB1233)

ALPHAO(1O) = 7.970　　BETAO (9) = 6.160

SECTION (1)ET ATTACH POINTS　　　　DEPENDENT VARIABLE CP

x/LT	.3010	.3970	.4520	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.3245	.3206	.2939	.2325								
186.380				.2829	.2792	.2423	.1612								
189.920			.2399	.2681	.2570	.1596	.0911								
193.460		.1773	.2145	.2896	.2775	.0518	.1144								
197.000	.1553	.1858	.2127	.0000	.0000	.0225	.1398								
200.540		.1980	.2298	.2120	-.0075	.0818	.1440								
204.080			.1341	-.0060	.0197	.0495									
207.620			.1667	.1387	-.0018	.0328	.0708								
222.840												.3873	.3879	.3931	
226.380											.4235	.4005	.3866	.3913	
229.920										.4520	.4644	.3927	.3661	.4079	
233.460									.4282	.4986	.5351	.3875	.0000	.2254	
237.000								.3689	.4282	.5157	.5761	.0000	.0745		
240.540										.4745	.0000	.0000	.1359	.1209	
244.080									.4062	.4080	.3782	.2010			
248.200															.6459
337.670															.1157

x/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.1662	-.5900	-.4726
237.580				-.1527	-.4967	-.4496
241.120		.7224	.7796	-.0199	-.5081	-.4368
244.660	.6845	.7319	.7662		-.4920	-.4755
248.200	.6793	.7172	.7361		-.4826	-.4723
251.740	.6790	.6857	.6661			
255.280		.6806	.5702	-.0306	-.4841	-.4433
323.510				-.1681	-.3088	-.4400
327.050			.0389	-.1743	-.3151	-.4389
330.590		.0882	.0485	-.1621	-.3057	-.4452
334.130	.1198	.0871	.0291	.0000	-.3177	-.4535
337.670	.1193	.0781	.0234		-.3245	
341.210	.1128	.0739	.0229	.0000		
344.750		.0739	.0229	-.1558		

ARC11-716 IA14 C1+T12+S12+N25+AT10 ET ATTACH PTS. (RB1233)

ALPHAQ(10) = 7.960 BETAQ(10) = 8.110

SECTION (1)ET ATTACH POINTS DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.2339	.2364	.2214	.1786								
186.380				.2210	.2253	.2014	.1507								
189.920			.1792	.2135	.2112	.1482	.1144								
193.460		.1238	.1733	.2328	.2073	.0603	.1167								
197.000	.0606	.1194	.1622	.0000	.0000	.0160	.1172								
200.540		.1222	.1694	.1727	-.0057	.0683	.1233								
204.080			.1379	.1369	-.0029	.0145	.0419								
217.620				.1397	-.0032	.0232	.0551								
222.840											.4590	.4205	.4179	.4251	
226.380											.5112	.4378	.4179	.4236	
229.920										.4918	.5848	.4326	.3980	.4399	
233.460									.4595	.5435	.6119	.4411	.0000	.2622	
237.000								.3894	.4559	.5522	.0000	.0000	.0000		
240.540									.4285	.4959	.0000	.0000	.0701		
244.080										.4225	.3869	.2046	.1306	.1107	
248.200															.6555
337.670															.1381

X/LT	.9210	.9270	.9320	.9380	.9430	.9460
PHI
234.040			.7807	-.1439	-.6112	-.5036
237.580		.7499	.8008	-.1346	.5147	-.4720
241.120		.7551	.7957	.0037	-.5225	-.4726
244.660	.7051	.7349	.7571	-.5103	-.5103	-.4981
248.200	.6920	.6969	.6747		-.5051	-.4879
251.740	.6889	.6899	.5744			
255.280				-.0397	-.4848	
323.510				-.1522	-.2982	-.4395
327.050			.0623	-.1601	-.3073	-.4371
330.590		.1086	.0706	-.1496	-.2995	-.4387
334.130	.1448	.1055	.0461	.0000	-.3105	-.4478
337.670	.1399	.0962	.0372		-.3227	-.4567
341.210	.1329	.0864	.0310	.0000		
344.750		.0799	.0251	-.1590		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O4+T12+S12N25+AT10 ET ATTACH PTS.   (R81233)

ALPHAD(1G) = 7.980   BETAO (11) = 10.230

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

PHI

x/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
182.840				.1890	.2001	.2022	.1784								
186.380				.1796	.1905	.1798	.1486								
189.920			.1381	.1719	.1770	.1325	.1173								
193.460		.0766	.1285	.1882	.1690	.0632	.1178								
197.000	-.0023	.0686	.1174	.0000	.0000	.0279	.1119								
200.540		.0683	.1190	.0310	.0115	.0664	.1080								
204.080			.0983	.1396	.0066	.0078	.0307								
207.620				.1116	-.0098	.0227	.0511								
222.840												.4501	.4555	.4555	
226.380											.4946	.4743	.4542	.4545	
229.920										.5290	.5573	.4739	.4319	.4756	
233.460										.5829	.6405	.4887	.0000	.2882	
237.000								.4170	.4948	.5914	.6439				
240.540									.4839	.5305	.0000	.0000	.0836	.1122	
244.080									.4574	.4479	.3972	.2119	.1359		
248.200															.6609
337.670															.0977

PHI

x/LT	.9210	.9270	.9320	.9380	.9430	.9480
234.040			.7980	-.1214	-.6264	-.5482
237.580		.7539	.8359	-.1078	-.5554	-.4968
241.120		.7627	.8201	.0185	-.5442	-.5028
244.660	.6926	.7464	.7638		-.5390	-.5208
248.200	.6897	.7246	.6630		-.5286	-.5044
251.740	.6972	.6852	.5770	-.0483	-.4992	
255.280				-.1717	-.3139	-.4562
323.510				-.1806	-.3283	-.4591
327.050		.0866	.0425	-.1780	-.3249	-.4588
330.590		.0745	.0479	.0000	-.3332	-.4692
334.130	.1094	.0599	.0184	.0000	-.3439	-.4773
337.670	.0972	.0449	.0035	.0000		
341.210	.0934	.0413	.0006	.0000		
344.750			-.0124	-.1869		

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ALPHAC(1) =   9.890   BETAD (1) = -9.960

ARC11-71F 1A14 OA+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4977	.5197	.4990	.4181								
196.380				.5156	.5400	.5066	.3500								
189.920				.5488	.5568	.4124	.0969								
193.460		.4374	.5074	.5771	.5430	.0671	.0877								
197.000	.3722	.4405	.5062	.0000	.0000	.1871	.0667								
200.540		.3664	.4577	.4429	.2444	.0031	.1697								
204.080			.1147	.0388	.2694	.2158	.1055								
207.520				.0867	.2210	.2016	.0873				.1372	.1418	.1563		
222.840											.1434	.1446	.1486	.1553	
226.380											.1480	.1459	.1519	.1551	
229.920										.1445	.1573	.1508	.0000	.1143	
233.460									.1401	.1502	.1767				
237.000								.1319	.1412	.1569	.0000	.0000	.0397		
240.540									.1430	.1509		.0883	.0692	.1021	
244.080										.1497	.1444				
248.200															
337.670														.2255	.0429

X/LT	.9210	.9270	.9320	.9380	.9430	.9430	.9430
PHI							
234.040				-.3540	-.4090	-.3551	
237.580			.2436	-.3818	-.3763	-.3499	
241.120			.2857	-.3189	-.3412	-.3489	
244.660	.2509	.2675	.3056		-.3461	-.3593	
248.200	.2394	.2786	.3255		-.3581	-.3796	
251.740	.2446	.2541	.3237				
255.280		.1995	.1200	-.2893	-.3911		
323.510				-.1800	-.3135	-.4345	
327.050			-.0046	-.1983	-.3385	-.4634	
330.590			-.0041	-.1921	-.3588	-.4766	
334.130	.0693	.0392	-.0217	.0000	-.3767	-.4844	
337.670	.0567	.0219	-.0296	.0000	-.3848	-.4322	
341.210	.0459	.0123	-.0369	.0000			
344.750		.0060	-.0361	-.2308			

ARC11-716 IA14 O1+T12+S12N25+AT1O ET ATTACH PTS.   (RB1233)

ALPHAO(11) =   9.930   BETAO (2) = -7.920

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/C	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.4731	.4844	.4626	.3822								
186.380				.4746	.4906	.4562	.3089								
189.920			.4463	.4859	.4926	.3497	.0655								
193.460		.4692		.5081	.4473	-.0538	-.0027								
197.000	.3739	.4571		.0000	.0000	-.0861	.1301								
200.540		.4213	.4373	.3927	-.1595	-.0022	.1899								
204.080		.3842		.1174	-.1575	-.1067	-.0472								
207.620			.1790	.1664	-.1348	-.0960	-.0245								
222.840												.1787	.1837	.1938	
226.380												.1854	.1837	.1909	
229.920											.1807	.1905	.1904	.1935	
233.460										.1828	.1908	.2055	.0000	.1476	
237.000								.1601	.1720	.1849	.1990	.0000	.0000		
240.540									.1699	.1856	.2029	.0000	.0831		
244.080									.1673	.1789	.1562	.1218	.1037	.1285	
248.2?0															.2477
337.670															.0883

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3495	-.4102	-.3516
237.580			.2557	-.3777	-.3746	-.3485
241.120			.2878	-.3207	-.3414	-.3495
244.660	.2443	.2570	.3030		-.3497	-.3695
248.200	.2577	.2720	.3278		-.3640	-.3846
251.740	.2655	.2816	.3265			
255.280		.2676	.1421	-.2595	-.4126	-.4180
325.510		.2157		-.1599	-.2937	-.4456
327.050			.0269	-.1728	-.3152	-.4593
330.590		.0750	.0337	.1638	-.3334	-.4643
334.130	.1076	.0680	.0143	0	-.3513	-.4710
337.670	.1017	.0613	.0096		-.3599	
341.210	.0946	.0579	.0073	.0000		
344.750		.0535	.0101	-.1936		

ARC11-716 IA14 CX+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(11) = 9.940   BETAO(3) = -6.010

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8160
PHI															
182.840				.4405	.4382	.4064	.3273								
186.380				.4436	.4429	.3936	.2586								
189.920				.4557	.4323	.2928	.0841								
193.450			.4498	.4867	.3896	.0065	.1129								
197.000	.3903	.4271	.4715	.0000	.0000	-.0282	.1765								
200.540		.3980	.4565	.4099	-.0947	.0295	.2229								
204.080			.2364	.1637	-.0858	-.0398	.0190								
237.620				.2256	-.0671	-.0350	.0222								
222.840												.1847	.1814	.1848	.1975	
226.380												.1950	.1868	.1907	.1951	
229.920										.1868	.2069	.1945	.1944	.1962	
233.460									.1796	.1948	.2252	.2040	.0000	.1491	
237.000								.1649	.1773	.1981	.0000	.0000	.0722		
240.540									.1754	.1888					
244.080										.1760	.1646	.1197	.0995	.1251	
248.200															.2644
337.670															.1249

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.3506	-.4111	-.3482
237.560				-.3698	-.3817	-.3402
241.120				-.3025	-.3467	-.3425
244.660	.2628	.2884	.3264		-.3490	-.3666
248.200	.2719	.2225	.3323		-.3602	-.3804
251.740	.2793	.2809	.3191			
255.280		.2342	.1636	-.2457	-.4053	
323.510				-.1299	-.2646	-.3884
327.050			.0568	-.1429	-.2823	-.4136
330.590		.1141	.0700	-.1307	-.2976	-.4289
334.130	.1510	.1097	.0553	.0000	-.3165	-.4354
337.670	.1367	.1012	.0901		-.3256	-.4419
341.210	.1313	.0929	.0395	.0000		
344.750		.0872	.0370	-.1623		

AR011-716 IA14 D4+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAC(11) = 9.090   BETAO (4) = -3.990

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8160	.8230	.8280	.8340	.8390	.9160
PHI
182.840				.4044	.4074	.3773	.3141								
186.380				.4128	.4092	.3707	.2536								
189.922			.4135	.4288	.4092	.2790	.1343								
193.460		.3923	.4269	.4667	.3737	.0811	.1818								
197.000	.3740	.4019	.4384	.0000	.0000	.0461	.2130								
200.540		.3699	.4165	.3852	-.0239	.0899	.2666								
204.080			.2254	.1459	-.0075	.0357	.0807								
207.620				.2155	.0101	.0306	.0903								
222.840												.1701	.1768	.1830	
226.380											.1726	.1757	.1807	.1641	
229.920										.1762	.1812	.1775	.1794	.1832	
233.460									.1713	.1849	.1974	.1601	.0000	.1362	
237.000								.1609	.1754	.1919	.2152	.0000			
240.540									.1700	.1893	.0000	.0000	.0654	.1073	
244.080										.1733	.1628	.1131	.0899		
248.200															.2472
337.670															.1194

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI
234.040				-.3442	-.4031	-.3431
237.580		.2908	.2936	-.3728	-.3795	-.2272
241.120			.2852	-.3131	-.3556	-.3420
244.660	.2448	.2686	.2994		-.3608	-.3818
248.200	.2539	.2773	.3193		-.3774	-.3901
251.740	.2652	.2624	.3061			
255.280		.2226	.1471	-.2477	-.4101	-.4030
323.510				-.1436	-.2799	-.4251
327.050			.0528	-.1534	-.2934	-.4381
330.590		.1018	.0632	-.1396	-.3046	-.4451
334.130	.1346	.0590	.0492	.0000	-.3244	-.4501
357.670	.1331	.0914	.0460	.0000	-.3357	
341.210	.1333	.0943	.0431	.0000		
344.750		.0936	.0501	-.1505		

ARC11-716 IA14 O1+T12+S12+2S+AT10 ET ATTACH PTS.   (RB1235)

ALPHAO(11) =   9.900   BETAO (5) = -1.980

SECTION 1 1JET ATTACH POINTS   BE ENGINE VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.424	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8180
PHI															
182.840				.3099	.3933	.3681	.3085								
188.380				.3943	.4005	.3666	.2635								
189.920			.3760	.3956	.3964	.2929	.1694								
193.460		.3398	.3690	.4191	.3852	.1249	.1927								
197.000	.3119	.3383	.3615	.0000	.0000	.0994	.2293								
200.540		.3148	.3380	.3130	.0342	.1628	.2556								
204.080			.2067	.1382	.0273	.0664	.0907								
207.620				.1919	.0462	.0689	.1306								
222.840												.1747	.1718	.1829	
226.380											.1716	.1770	.1718	.1788	
229.920										.1718	.1791	.1770	.1734	.1809	
233.460									.1677	.1824	.1912	.1770	.0000	.1588	
237.000								.1610	.1703	.1834	.2085	.0000			
240.540									.1677	.1840	.0000	.0765			
244.080										.1703	.1605	.1155	.0969	.1109	
248.200															.2201
337.670															.1250

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040				-.2337	-.4093	-.3314
237.580				-.3782	-.3615	-.3306
241.120			.2575	-.3298	-.3660	-.3483
244.660	.2149	.2252	.2696		-.3732	-.3943
248.200	.2304	.2469	.2910		-.3888	-.3969
251.740	.2364	.2345	.2756			
255.200		.2079	.1315	-.2636	-.4036	
323.510			.0617	-.1443	-.2812	-.4065
327.050			.0752	-.1526	-.2924	-.4228
330.590		.1106	.0610	-.1351	-.2963	-.4327
334.130	.1455	.1088	.0597	.0000	-.3147	-.4400
337.670	.1444	.1098	.0605	.0000	-.3246	-.4423
341.210	.1426	.1080	.0605	.0000		
344.750		.1082	.0665	-.1351		

ARC11-716 IA14 CX-T12+S12M25+AT10 ET ATTACH PTS.   (RB1233)

ALPHA(11) = 9.910   BETA0 (6) =   .020

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.35?	.4320	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8260	.8340	.8390	.9160
PHI															
182.840				.3463	.3448	.3267	.2798								
186.380				.3362	.3231	.2920	.2200								
189.920			.3208	.3215	.3084	.2287	.1592								
193.460			.3208	.3393	.2897	.1347	.1799								
197.000		.3032	.3202	.0000	.0000	.1061	.2154								
200.540	.2877	.3061	.3024	.2661	.0349	.1439	.2236								
204.080		.2841	.2098	.1487	.0200	.0402	.0696								
207.620				.1685	.0395	.0558	.1083								
222.840												.2114	.2164	.2136	
226.380											.2114	.2168	.2182	.2244	
229.920										.2088	.2235	.2220	.2207	.2180	
233.460									.2026	.2194	.2398	.2256	.0000	.1625	
237.000								.1905	.2026	.2238	.2444	.0000			
240.540									.1962	.2137	.0000	.0000	.0837		
244.080										.1954	.1830	.1294	.1026	.1199	
248.250															.2549
337.670															.1418

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040	.2572	.2684	.2704	-.3320	-.3684	-.3440
237.580	.2585	.2774	.3024	-.3632	-.3793	-.3515
241.120	.2673	.2795	.3130	-.3004	-.3798	-.3801
244.660		.2637	.3202	-.4911	-.4126	
248.200		.2392	.2911	-.4065	-.4115	
251.740			.1574	-.2560	-.4173	
255.280			.1299	-.2708	-.3999	
323.510			.0741	-.1400	-.4105	
327.050	.1259	.0870	-.1236	-.2798	-.4209	
330.590	.1568	.1208	.0718	.0000	-.2824	-.4313
334.130	.1542	.1169	.0694	-.3032	-.4313	
337.670	.1216	.1154	.0687	.0000	-.3149	-.4365
341.210		.1159	.0738	-.1244		
344.790						

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL 11

ARO1-716 1A14 DA+T12+S12N23+AT*0 ET ATTACH PTS.

ALPHA(1) = 9.900   BETAD (7) = 2.040   (RB1233)

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/T	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
PHI															
182.540				.3439	.3473	.3177	.2633								
186.380				.3576	.3483	.3101	.2339								
189.920			.3480	.3601	.3385	.2457	.1787								
193.460			.3421	.3735	.3975	.1197	.1953								
197.000	.2956	.3241	.3385	.0000	.0000	.0791	.2191								
200.540	.3164	.3131	.2859	.0068	.1371	.2398									
234.080	.2804	.1878	.1216	-.0060	.0234	.0492									
237.620				.1590	.0088	.0402	.1014								
222.840										.2481	.2419	.2393	.2399	.2439	
226.380										.2754	.2633	.2419	.2451	.2439	
226.920										.2870	.2999	.2460	.2427	.2439	
233.460								.2200	.2406			.2458	.0000	.1563	
237.000									.2465	.2695	.3221	.0000	.0582		
240.540									.2360			.1302	.0940	.1005	
244.080										.2329	.2195				.3465
248.290															.1563
337.670															

X/T	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.3965	-.3126	-.4094	-.3572
237.580		.3777	.4252	-.3240	-.4279	-.3406
241.120		.3063	.4141	-.2275	-.4094	-.3702
244.660	.3537	.3865	.4126	-.4082	-.4128	
248.200	.3530	.3906	.3574	-.4014	-.4128	
251.740	.3530	.3246	.2402	-.2197	-.4196	
255.280				-.1164	-.2608	-.3930
323.510			.0497	-.1275	-.2699	-.4016
327.050		.1403	.0992	-.1106	-.2702	-.4112
330.590		.1374	.0640	.0000	-.2886	-.4201
334.130	.1720	.1323	.0806		-.3011	-.4289
337.670	.1692	.1281	.0772	.0000		
341.210	.1656	.1248	.0800	-.1138		
344.750						

DATE 07 JAN 73   TABULATED PRESSURE DATA - DATA - VOL. 11

ARC11-716 TAB4 51+T12+S12+S13+ATIG ET ATTACH PTS.   (RB1233)

ALPHA(DEG) = 9.900   BETA(DEG) = 4.130

SECTION ( ) JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9180
182.840				.3747	.3824	.3483	.2893								
186.380				.3703	.3641	.3210	.2250								
189.920			.3317	.3556	.3376	.2171	.1134								
193.460		.2609	.2982	.3731	.3345	.0461	.1224								
197.000	.2228	.2380	.2079	.0000	.0000	-.0009	.1571								
200.540		.2434	.2717	.2578	-.0378	.0800	.1755								
204.080			.1326	.0786	-.0452	-.0121	.0289								
207.620				.1347	-.0251	.0075	.0645								
222.840												.3155	.3172	.3183	
226.380												.3320	.3172	.3259	
229.920												.3318	.3056	.3325	
233.460											.3403	.3356	.0000	.1929	
237.000									.3377	.3650	.3815				
240.540								.2915	.3346	.4034	.4524	.0000	.0285		
244.080									.3181	.4155	.4645	.1436	.0780	.0876	
248.230										.3761	.0000				
337.670										.3178	.2934				.4670
															.1590

X/LT	.9810	.9270	.9320	.9360	.9430	.9480
234.040			.6001	-.2266	-.5271	-.4240
237.580		.5769	.6257	-.2183	-.4659	-.3988
241.120		.5723	.6094	-.1036	-.4615	-.3951
244.660	.3273	.5470	.5661		-.4353	-.4369
248.200	.5129	.5147	.4895		-.4218	-.4354
251.740	.5028	.9042	.3917	-.1508	-.4510	
255.280				-.1275	-.2711	-.4068
323.510				-.1373	-.2801	-.4081
327.050		.1337	.3811	-.1210	-.2762	-.4151
330.590		.1353	.0961	.0000	-.2921	-.4240
334.130	.1099	.1311	.0759	.0000	-.3009	-.4354
337.670	.1652	.1234	.0715			
341.210	.1634	.1190	.0694	.0000		
344.750			.0674	-.1213		

ARC11-716 IA14 OA+T12+SI2N25+AT10 ET ATTACH FTS.   (RB1233)

ALPHA(2)(1) = 9.080   BETA(1)(9) = 6.100

SECTIO (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/CT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.8460
FWI															
102.860				.2927	.2837	.2532	.1851							.0390	.0160
106.380				.2623	.2515	.2045	.1086								
189.920			.2235	.2404	.2374	.1287	.0407								
193.460			.2093	.2739	.2560	.0965	.0647								
197.000		.1588	.2013	.0000	.0000	.0000	.0912								
200.540	.1323	.1754	.2101	.1995	.0764	.0259	.0986								
234.080		.1748	.1256	.0759	.0416	.0055									
237.620				.0932	.0617	.0330	.0045								
222.840												.3904	.3673	.3858	
226.360											.4228	.4095	.3950	.3961	
229.920										.4478	.4703	.4035	.3754	.4149	
233.460									.4177	.4942	.5323	.4270	.0000	.8459	
237.000								.3533	.4128	.5017	.5465	.0000			
240.540									.3855	.4464	.0000	.0000	.0589	.1035	
244.080										.3811	.3440	.1838	.1154		
337.670															.0384
															.1371

X/CT	.9210	.9270	.9320	.9380	.9430	.9480
FWI						
234.040				-.1757	-.5814	-.4517
237.580			.6913	-.1775	-.4893	-.4209
241.120		.6794	.7248	-.0563	-.4904	-.4323
244.660	.6404	.6815	.7287		-.4727	-.4668
248.200	.6399	.6780	.7334		-.4655	-.4645
251.740	.6424	.6472	.6279			
255.280		.6405	.5346	-.0618	-.4832	
323.510				-.1567	-.2987	-.4343
327.050			.0308	-.1645	-.3039	-.4310
330.590		.1042	.0624	-.1490	-.2961	-.4333
334.130	.1389	.1324	.0467	.0000	-.3107	-.4395
337.670	.1364	.0983	.0418		-.3172	-.4491
341.210	.1372	.0944	.0405	.0000		
344.750		.0921	.0411	-.1443		

ARC11-715 IA14 C1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAQ(1) = 9.870   BETAQ(10) = 8.110

SECTION (1)ET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1975	.1981	.1817	.1435								
186.380				.1696	.1734	.1528	.0983								
189.920				.1618	.1616	.0874	.0498								
193.460		.0754	.1313	.1184	.1925	.1819	-.0015	.0472							
197.000	.0255	.0888	.1287	.0000	.0000	-.0430	.0618								
200.540		.0893	.1341	.1361	.0644	.0137	.0620								
204.080			.0922	.0692	-.0555	-.0390	-.0067								
207.620				.0812	-.0567	-.0263	.0031								
222.840											.4655	.4284	.4336	.4326	
226.380											.5189	.4511	.4357	.4316	
229.920									.4951	.5870	.4503	.4150	.4541		
233.460								.4536	.5399	.5898	.4924	.0000	.2817		
237.000							.3821	.4474	.5407						
240.540								.4126	.4750	.0000	.0000	.0679	.1026		
244.080									.3986	.3616	.1939	.1128			
248.200															.6245
337.670															.1602

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.7060	-.1530	-.6051	-.4835
237.580		.7005	.7548	-.1673	-.5093	-.4507
241.120		.7142	.7587	-.0424	-.5140	-.4502
244.660	.6614	.7016	.7337		-.5026	-.4892
248.200	.6604	.6755	.6495		-.4852	-.4814
251.740	.6609	.6605	.5499	-.0583	-.4936	
255.280				-.1421	-.2875	-.4282
323.510			.0745	-.1508	-.2953	-.4245
327.050		.1224	.0786	-.1378	-.2875	-.4256
330.590		.1208	.0582	.0000	-.3018	-.4352
334.130	.1633	.1133	.0490		-.3109	-.4456
337.670	.1574	.1017	.0408	.0000		
341.210	.1464	.0941	.0408	-.1466		

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET ATTACH PTS.   (RB1233)

ALPHAO(11) = 10.000   BETAO(11) = 10.190

SECTION 1 JET ATTACH POINTS   DEPENDENT VARIABLE CP

X/LT	.3910	.3970	.4020	.4080	.4130	.4190	.4240	.8070	.8120	.8180	.8230	.8280	.8340	.8390	.9160
PHI															
182.840				.1364	.1472	.1415	.1143								
186.380				.1181	.1269	.1092	.0765								
193.920			.0860	.1122	.1117	.0599	.0385								
193.460		.0372	.0857	.1364	.227	-.0051	.0362								
197.000	-.0160	.0472	.0865	.0000	.0000	-.0402	.0423								
200.540		.0472	.0917	.0911	-.0546	.0036	.0429								
204.080			.0693	.0911	-.0536	-.0437	-.0180								
207.620				.0546	-.0617	-.0343	-.0062								
222.840										.5228	.4994	.4618	.4640	.4664	
226.380										.5718	.5599	.4868	.4715	.4697	
229.920										.5669	.6320	.4553	.4535	.4919	
233.460									.4755	.4956	.6019	.5434	.0000	.3198	
237.000								.4044	.4680	.4178	.0000	.0000	.0723	.1045	
240.540									.434		.3756	.2003	.1138		
244.080															.6044
248.200															.1200
337.670															

X/LT	.9210	.9270	.9320	.9380	.9430	.9480
PHI						
234.040			.7013	-.1207	-.6136	-.5295
237.580			.7419	-.1502	-.5410	-.4791
241.120		.6832	.7497	-.0380	-.5286	-.4810
244.660	.6407	.6979	.7221		-.5273	-.5142
248.200	.6379	.6830	.6408		-.5084	-.5015
251.740	.6435	.6547	.5257			
255.280		.6426		-.0867	-.5051	
323.510				-.1484	-.2967	-.4426
327.050			.0669	-.1645	-.3089	-.4423
330.590		.1101	.0705	-.1154	-.3037	-.4431
334.130	.1377	.0988	.0396	.0000	-.3172	-.4535
337.670	.1249	.0865	.0262	.0000	-.3292	-.4641
341.210	.1153	.0705	.0139	.0000		
344.750		.0532	.0095	-.1702		

ARC11-716 IA14 O1+T12+S12N2' AT10 ET BASE RAKE   (RB1324)   (28 SEP 73)

REFERENCE DATA   PARAMETRIC DATA

SREF =   2.4210 SQ.FT.   XMRP =   29.5800 INCHES   ALPHAO = -10.000   ELEVON =   .000
LREF =   38.7090 INCHES   YMRP =   .0000 INCHES   RUDDER =   .000   SPDBRK =   .000
BREF =   38.7090 INCHES   ZMRP =   .0000 INCHES
SCALE =   .0300 SCALE

MACH (1) =   .902   BETAO (1) =   -9.890

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0970
789.000	1.1640
790.000	1.0920

MACH (1) =   .899   BETAO (2) =   10.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8783
789.000	.9031
790.000	.7477

ARC11-716 IA14 J1+T12+S12N25+AT10 ET BASE RAKE   (RB1325)   (28 SEP 73)

PARAMETRIC DATA

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

ALPHAO =   -8.000   ELEVON =   .000
RUDDER =   .000   SPDBRK =   .000

MACH (1) =   .899   BETAO (1) =   -9.930

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0970
789.000	1.1640
790.000	1.0860

MACH (1) =   .898   BETAO (2) =   10.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8970
789.000	.9181
790.000	.7517

ARC11-716 IA14 O1+T12+S12N25+AT10 ET BASE RAKE

PARAMETRIC DATA

ALPHAO =	-6.000	ELEVON =	.000
RUDDER =	.000	SPDBRK =	.000

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES	
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES	
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES	
SCALE =	.0300 SCALE			

MACH (1) =   .897   BETAO (1) =   -9.940

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1000
789.000	1.1630
790.000	1.0952

MACH (1) =   .898   BETAO (2) =   10.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.2035
789.000	.9140
790.000	.7479

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OA+T12+S12N25+AT10 ET BASE RAKE

                                                                    (RB1327)   (28 SEP 73)

REFERENCE DATA   PARAMETRIC DATA

SREF =   2.4210 SQ.FT   XMRP =   29.5800 INCHES   ALPHAO =   -4.000   ELEVON =   .000
CREF =   38.7090 INCHES   YMRP =   .0000 INCHES   RUDDER =   .000   SPDBRK =   .000
BREF =   38.7090 INCHES   ZMRP =   .0000 INCHES
SCALE =   .0300 SCALE

MACH (1) =   .899   BETAO (1) =   -9.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1000
789.000   1.1660
790.000   1.0950

ARC11-716 IA14 3A+T12+S12N25+AT1G ET BASE RAKE

    (RB1328) (28 SEP 73)

PARAMETRIC DATA

ALPHAO =	.000 ELEVON =	.000
RUDDER =	.000 SPDBRK =	.000

REFERENCE DATA

SREF =	2.4210 SQ.FT.	XMRP =	29.5600 INCHES
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES
SCALE =	.0300 SCALE		

MACH (1) = 1.246   BETAO (1) = -10.080

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1390
789.000	1.2390
790.000	1.1530

MACH (1) = 1.245   BETAO (2) = -7.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0870
789.000	1.1630
790.000	1.0840

MACH (1) = 1.248   BETAO (3) = -6.020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0430
789.000	1.1160
790.000	1.0780

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 D1+T12+S12H25+AT10 ET BASE RAKE   (RB1328)

MACH (1) = 1.247   BETAO (4) = -3.950   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9494
789.000   .9897
790.000   .9197

MACH (1) = 1.246   BETAO (5) = -2.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8713
789.000   .9165
790.000   .9245

MACH (1) = 1.246   BETAO (6) =   .010   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5247
789.000   .5191
790.000   .5903

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL 11

ARC11-716 IA14 CX+T12+S12N25+ATIO ET BASE RAKE

(RB1329)   (28 SEP 73)

PARAMETRIC DATA

ALPHAO =   -10.000   ELEVON =   .000
RUDDER =   .000   SPDBRK =   .000

REFERENCE DATA

SREF =   2.4210 SQ.FT.   XMRP =   29.5800 INCHES
LREF =   38.7090 INCHES   YMRP =   .0000 INCHES
BREF =   38.7090 INCHES   ZMRP =   .0000 INCHES
SCALE =   .0300 SCALE

MACH (1) =   1.245   BETAO (1) =   .030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5766
789.000   .5946
790.000   .5570

AC11-716 1A14 7A+T12+S12H25+AT10 ET BASE RAKE   (RB1331)   (06 FEB 74)

REFERENCE DATA   PARAMETRIC DATA

SREF =   2.4210 SQ.FT.   XMRP =   29.5890 INCHES   MACH   =   .900   ELEVON =   .000
LREF =   39.7090 INCHES   YMRP =   .0000 INCHES   RUDDER =   .000   SPDBRK =   .000
BREF =   39.7090 INCHES   ZMRP =   .0000 INCHES
SCALE =   .0300 SCALE

ALPHADE(1) = -10.140   BETAO (1) =   -8.370

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0790
789.000   1.1660
790.000   1.0010

ALPHADE(1) = -10.130   BETAO (2) =   -6.560

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0275
789.000   1.1310
790.000   1.0495

ALPHADE(1) = -10.130   BETAO (3) =   -4.840

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8991
789.000   .9678
790.000   .8893

DATE 07 JAN 73   TABULATED PRESSURE DATA - DATA - VOL. II

ARC11-716 1A14 QA+T12+S12M25+ATIO ET BASE RAKE   (RB1'31)

ALPHA(1) = -10.000   BETA(4) = -3.250

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8998
789.000	.9648
790.000	.9158

ALPHA(1) = -10.040   BETA(5) = -1.600

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6886
789.000	.7658
790.000	.7819

ALPHA(1) = -10.040   BETA(6) = .100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3895
789.000	.3927
790.000	.3699

ALPHA(1) = -10.040   BETA(7) = 1.810

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5154
789.000	.5353
790.000	.5015

ARC11-716 IA14 O1+T112+S12N25+AT10 ET BASE RAKE   (RB1331)

ALPHAO(1) = -10.130   BETAO (8) = 3.580

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.5976
789.000	.5906
790.000	.5289

ALPHAO(1) = -10.130   BETAO (9) = 5.290

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.7648
789.000	.7402
790.000	.6393

ALPHAO(1) = -10.120   BETAO (10) = 7.010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.8079
789.000	.7902
790.000	.6441

ALPHAO(1) = -10.130   BETAO (11) = 0.780

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.8548
789.000	.8756
790.000	.7028

(RB1331)

DATE 27 JAN 78   TABULATED PRESSURE DATA - DATA - DATA14A - VOL. 11

ARC11-716 DATA 21*T12*S12*S12*S12*S25*ATIO ET BASE RAKE

A_PHAD(2) =   -0.110   BETAD (1) =   -0.350

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   1.0790
789.000   1.1640
790.000   1.0860

ALPHAD(2) =   -0.120   BETAD (2) =   -6.640

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   1.0400
789.000   1.1400
790.000   1.0540

ALPHAD(2) =   -0.120   BETAD (3) =   -4.940

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .9033
789.000   .9697
790.000   .9030

ALPHAD(2) =   -0.130   BETAD (4) =   -3.270

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .8678
789.000   .9345
790.000   .9141

TABULATED PRESSURE DATA - IA14A - VOL. 11

DATE 07 JAN 75

AR01 -716 IA14 JA+T12+S12/25+AT10 ET BASE RAKE

A MACH 21 = -0.130   BETA0 (5) = -1.490   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

CP   100.0000

TAP NO	
787.000	.0000
788.000	.6779
789.000	.7488
790.000	.7642

A MACH 21 = -0.130   BETA0 (6) = .010   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

CP   100.0000

TAP NO	
787.000	.0000
788.000	.3774
789.000	.3762
790.000	.3462

A MACH 21 = -0.120   BETA0 (7) = 1.750   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

CP   100.0000

TAP NO	
787.000	.0000
788.000	.9019
789.000	.5177
790.000	.4611

A MACH 21 = -0.110   BETA0 (8) = 3.540   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

CP   100.0000

TAP NO	
787.000	.0000
788.000	.5517
789.000	.5355
790.000	.4753

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O1+T12+S12N25+AT10 ET BASE RAKE   (RB1371)

ALPHA(2) = -8.090   BETAO (9) = 1.950   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7745
789.000   .7599
790.000   .6532

ALPHA(2) = -8.080   BETAO (10) = 6.750   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8366
789.000   .8245
790.000   .6815

ALPHA(2) = -8.090   BETAO (11) = 8.570   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8843
789.000   .9207
790.000   .7640

ALPHA(3) = -6.130   BETAO (1) = -8.140   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0740
789.000   1.1630
790.000   1.0760

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA74A - VOL. 11

ARC11-716 IA14 ?I*T12+S12N25*ATIO ET BASE RAKE   (RB1331)

ALPHA(3) = -6.110   BETAO (2) = -6.480

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0220
789.000	1.1250
790.000	1.0420

ALPHA(3) = -6.130   BETAO (3) = -4.820

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9019
789.000	.9500
790.000	.8948

ALPHA(3) = -6.140   BETAO (4) = -3.220

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8832
789.000	.9538
790.000	.8847

ALPHA(3) = -6.030   BETAO (5) = -1.620

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6712
789.000	.7414
790.000	.7523

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-715 IA14 01+T12+S12+S12+S25+AT10 ET BASE RAKE   (RB1331)

ALPHA(3) = -6.030   BETAO (6) =   .000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3753
789.000	.3622
790.000	.3481

ALPHA(3) = -6.030   BETAO (7) =   1.640   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4935
789.000	.5156
790.000	.4821

ALPHA(3) = -6.180   BETAO (8) =   3.350   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5550
789.000	.5459
790.000	.4857

ALPHA(3) = -6.180   BETAO (9) =   5.010   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7788
789.000	.7773
790.000	.6653

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 01+T12+S12H25+ATIO ET BASE RAKE   (R81331)

ALPHAD(3) = -6.140   BETAO (10) =   6.740

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8576
789.000   .8714
790.000   .7173

ALPHAD(3) = -6.140   BETAO (11) =   8.500

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8963
789.000   .9265
790.000   .7831

ALPHAD(4) = -4.170   BETAO (1) =   -9.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1000
789.000   1.1670
790.000   1.0960

ALPHAD(4) = -4.190   BETAO (2) =   -7.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0680
789.000   1.1570
790.000   1.0710

(RB1331)

DATE 07 JAN 75   TABULATED PRESSURE DATA - TA14A - VOL. 11

ARC11-716 TA14 O1+T12+S12H25+AT1O ET BASE RAKE

ALPHAO(4) = -4.210   BETAO (3) = -5.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9884
789.000   1.0800
790.000   1.0000

ALPHAO(4) = -4.190   BETAO (4) = -3.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8756
789.000   .9321
790.000   .8660

ALPHAO(4) = -4.180   BETAO (5) = -1.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7398
789.000   .7708
790.000   .7670

ALPHAO(4) = -4.180   BETAO (6) =   .030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .3472
789.000   .3395
790.000   .3269

DATE 07 JAN 72   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 OM+T12+S12N25+AT10 ET BASE RAKE   (RB1331)

ALPHA(4) = -4.170   BETAO (7) =   2.020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .4901
789.000   .4928
790.000   .4389

ALPHA(4) = -4.240   BETAO (8) =   4.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6918
789.000   .6789
790.000   .6028

ALPHA(4) = -4.230   BETAO (9) =   6.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8518
789.000   .8683
790.000   .7199

ALPHA(4) = -4.200   BETAO (10) =   8.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9119
789.000   .9422
790.000   .8037

ARC11-716 IA14 CX+T12+S12N25+AT10 ET BASE RAKE

(RB1331)

ALPHA0(4) = -4.200   BETA0 (11) =   10.080

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9042
789.000   .9119
790.000   .7457

ALPHA0(5) = -2.870   BETA0 (1) =   -9.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1000
789.000   1.1700
790.000   1.1020

ALPHA0(5) = -2.890   BETA0 (2) =   -7.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0640
789.000   1.1550
790.000   1.0760

ALPHA0(5) = -2.870   BETA0 (3) =   -5.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9758
789.000   1.0470
790.000   .9768

(RB1331)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT1O ET BASE RAKE

ALPHA(5) = -2.860   BETAO (4) = -3.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8995
789.000   .9362
790.000   .8847

ALPHA(5) = -2.840   BETAO (5) = -1.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7009
789.000   .7628
790.000   .7621

ALPHA(5) = -2.840   BETAO (6) =   .010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .3491
789.000   .3178
790.000   .3159

ALPHA(5) = -2.840   BETAO (7) =   2.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   . :
789.000   . :
790.000   . .

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12+G5+AT10 ET BASE RAKE   (RB1331)

ALPHA(5) = -2.860   BETAO (8) =   4.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6877
789.000   .6620
790.000   .6011

ALPHA(5) = -2.870   BETAO (9) =   6.060

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8577
789.000   .8562
790.000   .7502

ALPHA(5) = -2.870   BETAO (10) =   8.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9094
789.000   .9483
790.000   .7906

ALPHA(5) = -2.830   BETAO (11) = 10.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9224
789.000   .9248
790.000   .7569

(RB1331)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+ATIO ET BASE RAKE

ALPHA(6) = -.690   BETAO (1) = -10.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1080
789.000	1.1690
790.000	1.0920

ALPHA(6) = -.680   BETAO (2) = -7.980   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0660
789.000	1.1500
790.000	1.0710

ALPHA(6) = -.670   BETAO (3) = -5.980   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9965
789.000	1.0790
790.000	.9956

ALPHA(6) = -.660   BETAO (4) = -3.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8988
789.000	.9441
790.000	.8780

DATE 27 JAN 13   TABULATED PRESSURE DATA - TA14A - VOL. 11

ARCHIVE TA14 CA+T12+S12N25+ATIO ET BASE RAKE   (RB13511)

ALPHAO(6) = -.660   BETAO (5) = -1.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7228
789.000   .7788
790.000   .7724

ALPHAO(6) = -.660   BETAO (6) = .010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .3289
789.000   .3309
790.000   .3387

ALPHAO(6) = -.670   BETAO (7) = 2.050

SECTION (11)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .4781
789.000   .4993
790.000   .4475

ALPHAO(6) = -.680   BETAO (8) = 4.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TA NO
787.000   .0000
788.000   .6488
789.000   .6785
790.000   .6169

(RB1351)

AR..1-716 IA14 .1+T12+S12+25++ATIO ET BASE RAKE

ALPHA 0(6) = -.690   BETAD (9) = 6.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP (K)	
787.000	.0400
788.000	.8667
789.000	.8831
790.000	.7585

ALPHA 0(6) = -.690   BETAD (10) = 8.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP (K)	
787.000	.0400
788.000	.9215
789.000	.9518
790.000	.8588

ALPHA 0(6) = -.690   BETAD (11) = 10.120   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP (K)	
787.000	.0400
788.000	.9257
789.000	.9269
790.000	.7610

ALPHA 0(7) = 2.050   BETAD (1) = -10.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP (K)	
787.000	.0400
788.000	1.1250
789.000	1.1710
790.000	1.1170

(RB1331)

TABULATED PRESSURE DATA - TA1A - VOL. II

ASCII-T16 TA1A S1+T12+S12+S12+R25+AT1D ET BASE RAKE

ALPHA(7) = 1.960   BETA(2) = -5.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   1.0125
789.000   1.0700
790.000   .3905

ALPHA(7) = 1.970   BETA(3) = -3.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .9144
789.000   .9521
790.000   .8056

ALPHA(7) = 1.980   BETA(4) = -1.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .7201
789.000   .7661
790.000   .7596

ALPHA(7) = 1.980   BETA(5) = .060

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .3369
789.000   .3295
790.000   .3235

(RB1331)

TABULATED PRESSURE DATA - IA14A - VOL. 11

DATE 07 JAN 75

ARCII-735 IA14 25+T12+S12+25+A110 ET BASE RAKE

ALPHA(I 7) = 1.970   BETA(6) = 2.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

FM1   180.0000

TAP NO
787.000   .0000
788.000   .4986
789.000   .4947
790.000   .4651

ALPHA(I 7) = 2.050   BETA(7) = 4.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

FM1   180.0000

TAP NO
787.000   .9000
788.000   .7218
789.000   .7125
790.000   .484

ALPHA(I 7) = 2.050   BETA(8) = 6.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

FM1   180.0000

TAP NO
787.000   .0000
788.000   .5894
789.000   .9000
790.000   .7759

ALPHA(I 7) = 2.040   BETA(9) = 8.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

FM1   180.0000

TAP NO
787.000   .0000
788.000   .9171
789.000   .9528
790.000   .7908

ARO11-716 IA14 D1+T12+S12:25+AT1G ET BASE RAKE

(RB1331)

ALPHAO(7) = 2.020   BETAO (10) = 10.110

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9299
789.000   .9051
790.000   .365

ALPHAO(8) = 4.110   BETAO (1) = -10.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1090
789.000   1.1930
790.000   1.0770

ALPHAO(8) = 4.130   BETAO (2) = -7.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0690
789.000   1.1080
790.000   1.0900

ALPHAO(8) = 4.150   BETAO (3) = -5.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9979
789.000   1.0400
790.000   .9667

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12M25+AT10 ET BASE RAKE   (RB1331)

ALPHA(8) = 4.160   BETAO(4) = -3.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9200
789.000	.9379
790.000	.8732

ALPHA(8) = 4.040   BETAO(5) = -1.980   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7432
789.000	.7795
790.000	.7734

ALPHA(8) = 4.050   BETAO(6) = .030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3664
789.000	.3679
790.000	.3502

ALPHA(8) = 4.050   BETAO(7) = 2.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5223
789.000	.5157
790.000	.4688

ARC11-716 IA14 01+T12+S12N25+AT10 ET BASE RAKE   (RB13*1)

ALPHA0(8) =   4.030   BETA0 (8) =   4.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7481
789.000   .7366
790.000   .6618

ALPHA0(8) =   4.020   BETA0 (9) =   6.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8615
789.000   .8751
790.000   .7610

ALPHA0(8) =   4.010   BETA0 (10) =   6.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8947
789.000   .9190
790.000   .7734

ALPHA0(8) =   4.000   BETA0 (11) =   10.130   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9295
789.000   .8776
790.000   .7124

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+ATIO ET BASE RAKE   (RB1331)

ALPHAO(9) =   6.000   BETAO (1) =   -9.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1180
789.000	1.1430
790.000	1.0750

ALPHAO(9) =   5.930   BETAO (2) =   -7.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0650
789.000	1.1240
790.000	1.0370

ALPHAO(9) =   5.960   BETAO (3) =   -5.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9986
789.000	1.0270
790.000	.9387

ALPHAO(9) =   5.950   BETAO (4) =   -3.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9147
789.000	.9355
790.000	.8795

(RB1331)

A511-716 TA14 D1+T12+Si2N25+AT1C ET BASE RAKE

A_PHAD(9) = 5.940   BETAD (5) = -1.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7325
789.000   .7965
790.000   .7806

ALPHAD(9) = 5.940   BETAD (6) = .040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .3936
789.000   .3934
790.000   .5563

ALPHAD(9) = 5.880   BETAD (7) = 2.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
786.000   .5356
789.000   .5368
790.000   .4742

ALPHAD(9) = 5.990   BETAD (8) = 4.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7541
789.000   .7450
790.000   .6552

(RB1351)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA144 - VOL. 11

ARC11-716 IA14 D1+T12+S12H25+AT10 ET BASE RAKE

ALPHA(9) =   5.990   BETAO (9) =   5.100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8893
789.000   .9062
790.000   .7781

ALPHA(9) =   6.020   BETAO (10) =   8.130

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8965
789.000   .9181
790.000   .7855

ALPHA(9) =   5.990   BETAO (11) =   10.150

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   160.0000

TAP NO
787.000   .0000
788.000   .9223
789.000   .8742
790.000   .7079

ALPHA(1D) =   8.030   BETAO (1) =   -9.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .000
788.000   1.0720
789.000   1.1010
790.000   1.0200

ARC11-716 1A14 J1+T12+S12M25+AT10 ET BASE RAKE

(RB1331)

ALPHAD(10) = 8.000   BETAD (2) = -7.950

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9921
789.000   1.0090
790.000   .9368

ALPHAD(10) = 7.980   BETAD (3) = -5.950

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9379
789.000   .9494
790.000   .8698

ALPHAD(10) = 7.940   BETAD (4) = -3.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8661
789.000   .8818
790.000   .8204

ALPHAD(10) = 7.940   BETAD (5) = -1.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7808
789.000   .3464
790.000   .8063

(RB1331)

ARC11-716 IA14 J1+T12+S12+N25+AT10 ET BASE RAKE

ALPHAO(10) =   7.890   BETAO (6) =   .030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .4195
789.000   .4061
790.000   .4029

ALPHAO(10) =   7.940   BETAO (7) =   2.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5424
789.000   .5277
790.000   .4787

ALPHAO(10) =   8.010   BETAO (8) =   4.090   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7429
789.000   .7237
790.000   .6488

ALPHAO(10) =   8.000   BETAO (9) =   6.120   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8196
789.000   .7964
790.000   .6685

AR611-716 1A14 O1+T12+S12+25+ATIO ET BASE RAKE   (RB1331)

ALPHAD(10) =   7.980   BETAD (10) =   8.120

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8384
789.000   .8565
790.000   .7455

ALPHAD(10) =   7.950   BETAD (11) = 10.200

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9233
789.000   .9026
790.000   .7419

ALPHAD(11) =   9.990   BETAD (1) = -9.930

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0740
789.000   1.1050
790.000   1.0280

ALPHAD(11) = 10.010   BETAD (2) = -7.910

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0720
789.000   1.0520
790.000   .9610

(R81331)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARCH-716 IA14 C1+T12+S12+.25+AT10 ET BASE RAKE

ALPHA(II) =   9.920   BETAO (3) =   -5.920

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3360
789.000	.9367
790.000	.8755

ALPHA(II) =   9.940   BETAO (4) =   -3.950

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8715
789.000	.8984
790.000	.8363

ALPHA(II) =   9.940   BETAO (5) =   -1.950

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7950
789.000	.8306
790.000	.8058

ALPHA(II) =   9.880   BETAO (6) =   .040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4620
789.000	.4532
790.000	.4375

(R81331)

DATE 27 JAN 75   TABULATED PRESSURE DATA - TA14A - VOL. 11

AR-11-715 TA14 CM-T12+S12N25+AT1D ET BASE RAKE

ALPHA(11) =   7.960   BETAG (7) =   2.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6110
789.000   .6216
790.000   .5877

ALPHA(11) =   9.990   BETAG (8) =   4.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6651
789.000   .6533
790.000   .5890

ALPHA(11) =   9.980   BETAG (9) =   6.130   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6510
789.000   .6665
790.000   .7492

ALPHA(11) = 10.030   BETAG (10) =   8.170   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8745
789.000   .8922
790.000   .7760

RB1331

TABULATED RESEARCH DATA - DATA - VOL. II

TABULATED RESEARCH DATA BY BASE RATE

AT.,.17.,4..12   TAB.,.AT, REFECURT DATA + DATA4 + .DA..13

AT.11+2.5.1A14 15+T12+S.2R25+AT1C ET BASE RAKE

PARAMETRIC DATA

MACH =   1.100   ELEVON =   .000
RUDDER =   .000   SPDBRK =   .000

REFERENCE DATA

SREF =   2.4210 SQ.FT.   XMRP =   29.5800 INCHES
LREF =   36.7350 INCHES   YMRP =   .0000 INCHES
BREF =   36.7350 INCHES   ZMRP =   .0000 INCHES
SCALE =   .0300 SCALE

ALPHAD(1) = -10.240   BETAD (1) = -9.900

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1530
789.000   1.2660
790.000   1.2160

ALPHAD(1) = -10.220   BETAD (2) = -7.890

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0960
789.000   1.2900
790.000   1.9990

ALPHAD(1) = -10.220   BETAD (3) = -5.900

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9550
789.000   1.0580
790.000   1.0160

(R81332)

TABULATED REGRESSION DATA

SECTION - DIET BASE RATE
INDEPENDENT VARIABLE CO

BETA(4) = -0.236

TAP ID	
787.000	.000
788.000	.3498
789.000	1.0240
790.000	.9626

A. MAX(3) = -10.235   BETA, 5 =

SECTION ( ) DIET BASE RATE
INDEPENDENT VARIABLE CO

PHI   100.0000

TAP ID	
787.000	.0000
788.000	.7665
789.000	.6561
790.000	.8693

A. MAX(3) = -10.240   BETAS (6) = .03

SECTION ( ) DIET BASE RATE
INDEPENDENT VARIABLE CO

PHI   100.0000

TAP ID	
787.000	.0000
788.000	.4908
789.000	.6857
790.000	.4033

A. MAX(3) = -10.250   BETAS (7) = 2.040

SECTION ( ) DIET BASE RATE
DEPENDENT VARIABLE CO

PHI   100.0000

TAP ID	
787.000	.0000
788.000	.4572
789.000	.5458
790.000	.5270

ARC11-716 1A14 CX+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(1) = -10.240   BETAO (8) =   4.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6440
789.000	.6548
790.000	.5790

ALPHAO(1) = -10.250   BETAO (9) =   6.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8100
789.000	.8033
790.000	.6994

ALPHAO(1) = -10.240   BETAO (10) =   8.120

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8075
789.000	.8637
790.000	.7503

ALPHAO(1) = -10.250   BETAO (11) =   10.110

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9219
789.000	.9764
790.000	.8470

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O1+T12+S12N25+AT10 ET BASE RAKE   (R81332)

ALPHAO(2) = -8.190   BETAO (1) = -9.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   100.0000

TAP NO
787.000   .0000
788.000   1.1520
789.000   1.2630
790.000   1.1910

ALPHAO(2) = -8.200   BETAO (2) = -7.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0910
789.000   1.2480
790.000   1.1830

ALPHAO(2) = -8.210   BETAO (3) = -5.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9558
789.000   1.0650
790.000   1.0140

ALPHAO(2) = -8.220   BETAO (4) = -1.980   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7570
789.000   .8312
790.000   .8610

ARC11-716 IA14 Q1+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(2) =   -8.190   BETAO (5) =   .010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4681
789.000	.4725
790.000	.4477

ALPHAO(2) =   -8.190   BETAO (6) =   2.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5256
789.000	.5478
790.000	.5052

ALPHAO(2) =   -8.240   BETAO (7) =   4.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6472
789.000	.6369
790.000	.5719

ALPHAO(2) =   -8.220   BETAO (8) =   6.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8152
789.000	.8129
790.000	.6947

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

                        AFC11-716 IA14 O1+T12+S12HE5+AT1D ET BASE RAKE   (RB1332)

ALPHAO(2) = -8.230   BETAO (9) =   8.080

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8713
789.000   .9456
790.000   .8176

ALPHAO(2) = -8.240   BETAO (10) =   10.100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9683
789.000   .9683
790.000   .7778

ALPHAO(3) = -6.210   BETAO (1) = -10.120

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1490
789.000   1.2510
790.000   1.1790

ALPHAO(3) = -6.220   BETAO (2) =   -7.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0920
789.000   1.2260
790.000   1.1690

ARC11-716 IA14 O4+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(3) =   -6.230   BETAO (3) =   -5.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9599
789.000	1.0590
790.000	1.0200

ALPHAO(3) =   -6.120   BETAO (4) =   -1.980   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7637
789.000	.8318
790.000	.8382

ALPHAO(3) =   -6.130   BETAO (5) =   .000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4637
789.000	.4627
790.000	.4387

ALPHAO(3) =   -6.120   BETAO (6) =   2.030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5199
789.000	.5250
790.000	.4923

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T12+S12N2S+AT10 ET BASE RAKE   (R81332)

ALPHA0(3) = -6.110   BETA0(7) = 4.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6630
789.000	.6666
790.000	.5946

ALPHA0(3) = -6.190   BETA0(8) = 6.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8427
789.000	.8743
790.000	.7525

ALPHA0(3) = -6.190   BETA0(9) = 8.090   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9561
789.000	.9892
790.000	.6607

ALPHA0(3) = -6.170   BETA0(10) = 10.090   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9597
789.000	.9051
790.000	.7251

ARC11-716 IA14 O4+T12+S12N25+AT10 ET BASE RAKE (R81332)

ALPHA0(4) = -4.240 BETA0 (1) = -10.010

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO	
787.000	.0000
788.000	1.1370
789.000	1.2390
790.000	1.1650

ALPHA0(4) = -4.270 BETA0 (2) = -8.020

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO	
787.000	.0000
788.000	1.0840
789.000	1.2090
790.000	1.1430

ALPHA0(4) = -4.290 BETA0 (3) = -5.970

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO	
787.000	.0000
788.000	.9670
789.000	1.0550
790.000	1.0170

ALPHA0(4) = -4.250 BETA0 (4) = -3.970

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO	
787.000	.0000
788.000	.889;
789.000	.9426
790.000	.8837

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D1+T12+S12R25+AT10 ET BASE RAKE   (RB1332)

ALPHAD(4) = -4.240   BETAD (5) = -1.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7440
789.000	.8158
790.000	.8359

ALPHAD(4) = -4.220   BETAD (6) = .020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4503
789.000	.4498
790.000	.4292

ALPHAD(4) = -4.290   BETAD (7) = 2.020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5171
789.000	.5281
790.000	.4983

ALPHAD(4) = -4.310   BETAD (8) = 4.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6720
789.000	.6633
790.000	.6168

ARC11-716 1A14 C4+T12+S12N2S+ATIO ET BASE RAKE   (RB1332)

ALPHA(4) = -4.220   BETAO (9) =   8.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9734
789.000	1.0020
790.000	.8639

ALPHA(4) = -4.210   BETAO (10) =   10.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9469
789.000	.9037
790.000	.7161

ALPHA(5) = -2.920   BETAO (1) = -10.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1400
789.000	1.2360
790.000	1.1630

ALPHA(5) = -2.930   BETAO (2) =   -8.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0790
789.000	1.1940
790.000	1.1300

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O4+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA(I 5) = -2.930   BETAO (3) = -5.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9849
789.000   1.0720
790.000   1.0190

ALPHA(I 5) = -2.910   BETAO (4) = -3.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8851
789.000   .9051
790.000   .8594

ALPHA(I 5) = -2.910   BETAO (5) = -2.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7476
789.000   .8147
790.000   .8198

ALPHA(I 5) = -2.910   BETAO (6) = .020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .4468
789.000   .4423
790.000   .4248

ARC11-716 IA14 0A+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA0(5) = -2.910   BETA0 (7) = 2.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5311
789.000	.5372
790.000	.4915

ALPHA0(5) = -2.920   BETA0 (8) = 4.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6973
789.000	.6800
790.000	.6249

ALPHA0(5) = -2.930   BETA0 (9) = 6.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8951
789.000	.9367
790.000	.8443

ALPHA0(5) = -2.920   BETA0 (10) = 8.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9888
789.000	.9901
790.000	.8623

(RB1352)

DATE 2? JAN ??   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-7?6 IA14 O4*?12*S12*25*A 10 ET BASE RAKE

ALPHAO(5) = -2.900   BETAO(11) = 10.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9337
789.000   .9011
790.000   .7053

ALPHAO(6) = -.790   BETAO(1) = -10.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1520
789.000   1.2440
790.000   1.1780

ALPHAO(6) = -.740   BETAO(2) = -8.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0400
789.000   1.1020
790.000   1.1050

ALPHAO(6) = -.720   BETAO(3) = -5.990   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9852
789.000   1.0660
790.000   1.0100

DATE 27 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 Q4+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA0(6) = -.710   BETA0 (4) = -3.380

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6921
789.000	.9163
790.000	.8646

ALPHA0(6) = -.700   BETA0 (5) = -2.010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7954
789.000	.8835
790.000	.8567

ALPHA0(6) = -.690   BETA0 (6) = .040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
787.000	.4303
788.001	.4278
790.000	.4100

ALPHA0(6) = -.690   BETA0 (7) = 2.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5148
789.000	.5197
790.000	.4825

DATE 07 JAN 75　　　TABULATED PRESSURE DATA - ?A14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET BASE RAKE　　(RB1332)

ALPHAO(6) =　-.710　BETAO (8) =　4.060　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.7231
789.000	.7216
790.000	.6588

ALPHAO(6) =　-.720　BETAO (9) =　6.080　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.9197
789.000	.9841
790.000	.8669

ALPHAO(6) =　-.730　BETAO (10) =　8.100　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.9911
789.000	.9896
790.000	.8369

ALPHAO(6) =　-.740　BETAO (11) =　10.160　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.9756
789.000	.9087
790.000	.7040

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OM+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(7) =   2.030   BETAO (1) =   -10.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1760
789.000   1.2500
790.000   1.1830

ALPHAO(7) =   2.060   BETAO (2) =   -8.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1080
789.000   1.1870
790.000   1.1160

ALPHAO(7) =   2.080   BETAO (3) =   -5.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9992
789.000   1.0710
790.000   1.0160

ALPHAO(7) =   1.940   BETAO (4) =   -4.010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9159
789.000   .9362
790.000   .8914

DATE 07 JAN 75   TABULATED PRESSURE CATA - IA14A - VOL. 11

(RB1332)

ARC11-716 IA14 O1+T12+S12N25+AT1J ET BASE RAKE

ALPHAO(7) =   1.950   BETAO (5) =   -2.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8041
789.000   .8568
790.000   .8558

ALPHAO(7) =   1.950   BETAO (6) =   .040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .4186
789.000   .4215
790.000   .4060

ALPHAO(7) =   1.930   BETAO (7) =   2.030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5331
789.000   .5261
790.000   .4792

ALPHAO(7) =   1.930   BETAO (8) =   4.070   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7320
789.000   .7315
790.000   .6770

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 O1+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA(7) =   1.960   BETAO (9) =   6.100   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9378
789.000   .9998
790.000   .8894

ALPHA(7) =   1.950   BETAO (10) =   8.100   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0090
789.000   .9654
790.000   .7935

ALPHA(7) =   1.940   BETAO (11) =   10.140   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9840
789.000   .9042
790.000   .6969

ALPHA(8) =   3.970   BETAO (1) =   -9.990   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1820
789.000   1.2480
790.000   1.1820

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 S1+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA0(0) =   3.990   BETA0 (2) =   -8.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1280
789.000   1.2230
790.000   1.1350

ALPHA0(0) =   3.970   BETA0 (3) =   -6.020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0120
789.000   1.0650
790.000   .9937

ALPHA0(0) =   3.990   BETA0 (4) =   -3.990   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9168
789.000   .5476
790.000   .8792

ALPHA0(0) =   3.990   BETA0 (5) =   -2.000   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8037
789.000   .8395
790.000   .8292

ARC11-716 IA14 CI+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(8) = 3.940   BETAO (6) = .040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4766
789.000	.4822
790.000	.4566

ALPHAO(8) = 4.030   BETAO (7) = 2.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5300
789.000	.5202
790.000	.4881

ALPHAO(8) = 4.020   BETAO (8) = 4.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7852
789.000	.7834
790.000	.7163

ALPHAO(8) = 4.010   BETAO (9) = 6.080

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9589
789.000	1.0060
790.000	.8909

ARC11-716 IA14 O1+T12+S12+25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(8) =   4.060   BETAO (10) =   8.110

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0190
789.000	.9819
790.000	.8032

ALPHAO(8) =   4.050   BETAO (11) =   10.160

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9791
789.000	.8833
790.000	.6792

ALPHAO(9) =   5.980   BETAO (1) =   -9.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1890
789.000	1.2290
790.000	1.1510

ALPHAO(9) =   5.960   BETAO (2) =   -7.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1410
789.000	1.2080
790.000	1.1390

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O4+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(9) = 5.940   BETAO (3) = -5.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0230
789.000	1.0850
790.000	1.0070

ALPHAO(9) = 5.960   BETAO (4) = -3.990   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9090
789.000	.9422
790.000	.6659

ALPHAO(9) = 5.970   BETAO (5) = -1.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7996
789.000	.8446
790.000	.8004

ALPHAO(9) = 5.960   BETAO (6) = .030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.4887
789.000	.4983
790.000	.4803

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 G1+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA0(9) =   5.970   BETA0(7) =   2.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5340
789.000	.5299
790.000	.4983

ALPHA0(9) =   5.950   BETA0(8) =   4.080

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7913
789.000	.7870
790.000	.7272

ALPHA0(9) =   5.940   BETA0(9) =   6.100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9570
789.000	1.0050
790.000	.8810

ALPHA0(9) =   5.920   BETA0(10) =   8.130

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0090
789.000	.9596
790.000	.8036

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(9) =   5.980   BETAO (11) =   10.150   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0300
788.000	.9786
789.000	.9019
790.000	.7175

ALPHAO(10) =   8.080   BETAO (1) =   -9.950   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1710
789.000	1.2170
790.000	1.1480

ALPHAO(10) =   8.110   BETAO (2) =   -7.950   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.090	1.1090
789.000	1.1620
790.000	1.0810

ALPHAO(10) =   8.130   BETAO (3) =   -5.940   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0020
789.000	1.0900
790.000	.9736

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 IA14 C4+T12+S12N2)+ATIO ET BASE RAKE   (RB1332)

ALPHA0(10) =   7.980   BETA0 (4) = -3.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .9126
789.000   .9290
790.000   .8582

ALPHA0(10) =   8.010   BETA0 (5) = -1.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .7937
789.000   .8161
790.000   .7623

ALPHA0(10) =   7.930   BETA0 (6) =   .060

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .9015
789.000   .5130
790.000   .4882

ALPHA0(10) =   7.970   BETA0 (7) =   2.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   100.0000

TAP NO
787.000   .0000
788.000   .9738
789.000   .5464
790.000   .3234

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A1A4 - VOL. 11

                        ARC11-716 IA14 DA+T12+S12N25+AT10 ET BASE RAKE   (RB1332)

ALPHA3(10) =   7.950   BETA0 (8) =   4.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7680
789.000   .7833
790.000   .7225

ALPHA3(10) =   7.920   BETA0 (9) =   6.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9113
789.000   .9434
790.000   .8355

ALPHA3(10) =   7.910   BETA0 (10) =   8.160   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9780
789.000   .9676
790.000   .8193

ALPHA3(10) =   8.080   BETA0 (11) =   10.180   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0090
789.000   .9328
790.000   .7550

ALPHAO(11) = 13.040   BETAO (1) = -9.930

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1440
789.000	1.1930
790.000	1.1460

ALPHAO(11) = 9.930   BETAO (2) = -7.950

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0620
789.000	1.1290
790.000	1.0360

ALPHAO(11) = 9.980   BETAO (3) = -5.920

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9253
789.000	.9506
790.000	.8953

ALPHAO(11) = 9.980   BETAO (4) = -3.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.824
789.000	.8860
790.000	.829f

DATE 07 JAN 73   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CX+T12+S12M25+AT10 ET BASE RAKE   (RB1332)

ALPHAO(11) = 9.950   BETAO (5) = -1.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7748
789.000	.8133
790.000	.7878

ALPHAO(11) = 9.950   BETAO (6) = .030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3096
789.000	.5215
790.000	.5345

ALPHAO(11) = 9.950   BETAO (7) = 2.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.3150
789.000	.4868
790.000	.4081

ALPHAO(11) = 9.960   BETAO (8) = 4.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6953
789.000	.7044
790.000	.6671

(RB1332)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CD+T12+S12N25+AT10 ET BASE RAKE

ALPHAO(11) = 10.040   BETAO (9) =   6.140

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8970
789.000	.9160
790.000	.8208

ALPHAO(11) = 10.030   BETAO (10) =   8.150

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9545
789.000	.9464
790.000	.7933

ALPHAO(11) = 10.070   BETAO (11) =   10.230

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9886
789.000	.8917
790.000	.7174

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 OA+T12+S12N25+A1.0 ET BASE RAKE   (RB1333)   (17 APR 74)

REFERENCE DATA

					PARAMETRIC DATA		
SREF =	2.4210 SQ.FT.	XMRP =	29.5800 INCHES		MACH =	1.250	ELEVON =	.000
LREF =	38.7090 INCHES	YMRP =	.0000 INCHES		RUDDER =	.000	SPDBRK =	.000
BREF =	38.7090 INCHES	ZMRP =	.0000 INCHES					
SCALE =	.0300 SCALE							

ALPHAO(1) = -10.340   BETAO (1) = -9.910   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1460
789.000   1.3150
790.000   1.2620

ALPHAO(1) = -10.280   BETAO (2) = -7.920   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0760
789.000   1.2570
790.000   1.2160

ALPHAO(1) = -10.250   BETAO (3) = -5.920   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9427
789.000   1.0470
790.000   1.0160

(RB1333)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D1+T12+S12N25+AT10 ET BASE RAKE

ALPHAO(1) = -10.240   BETAO (4) = -3.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9874
789.000   1.0770
790.000   1.0020

ALPHAO(1) = -10.250   BETAO (5) = -1.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7800
789.000   .8575
790.000   .9241

ALPHAO(1) = -10.160   BETAO (6) = .020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5723
789.000   .5814
790.000   .5591

ALPHAO(.) = -10.160   BETAO (7) = 2.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5569
789.000   .5711
790.000   .5450

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 C4+T12+S12N25+AT10 CT BASE RAKE   (RB1333)

ALPHAO(1) = -10.220   BETAO (8) =   4.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6064
789.000   .6069
790.000   .5448

ALPHAO(1) = -10.230   BETAO (9) =   6.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8692
789.000   .9279
790.000   .8174

ALPHAO(1) = -10.230   BETAO (10) =   8.120   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7773
789.000   .8561
790.000   .7677

ALPHAO(1) = -10.240   BETAO (11) = 10.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7176
789.000   .8775
790.000   .8552

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 D1+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(2) = -8.220   BETAO (1) = -9.940

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1320
789.000	1.2940
790.000	1.2360

ALPHAO(2) = -8.240   BETAO (2) = -7.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0760
789.000	1.2420
790.000	1.1790

ALPHAO(2) = -8.240   BETAO (3) = -5.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5378
789.000	1.0600
790.000	1.0150

ALPHAO(2) = -8.250   BETAO (4) = -3.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9685
789.000	1.0630
790.000	.9861

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 O1+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHA0(2) = -8.290   BETA0 (5) = -1.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7321
789.000	.8544
790.000	.8655

ALPHA0(2) = -8.290   BETA0 (6) =   .010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5615
789.000	.5669
790.000	.5593

ALPHA0(2) = -8.230   BETA0 (7) =   2.020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5368
789.000	.5662
790.000	.5498

ALPHA0(2) = -8.230   BETA0 (8) =   4.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6013
789.000	.5907
790.000	.5210

ARC11-7;6 IA14 D1+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(2) = -8.220   BETAO (9) = 6.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8534
789.000	.9052
790.000	.7990

ALPHAO(2) = -8.220   BETAO (10) = 8.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7864
789.000	.8715
790.000	.8001

ALPHAO(2) = -8.220   BETAO (11) = 10.130   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7594
789.000	.9322
790.000	.9050

ALPHAO(3) = -6.280   BETAO (1) = -9.970   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1220
789.000	1.2610
790.000	1.1890

ARC11-716 IA14 OA+T12+S12N25+AT1D ET BASE RAKE　　　(RB1333)

ALPHAO(3) =　-6.280　　BETAO (2) =　-7.990　　　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　160.0000

TAP NO	
787.000	.0000
788.000	1.0720
789.000	1.2080
790.000	1.1390

ALPHAO(3) =　-6.300　　BETAO (3) =　-6.000　　　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.9644
789.000	1.0530
790.000	1.0240

ALPHAO(3) =　-6.280　　BETAO (4) =　-3.980　　　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.9590
789.000	1.0290
790.000	.9736

ALPHAO(3) =　-6.160　　BETAO (5) =　.030　　　　DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI　　180.0000

TAP NO	
787.000	.0000
788.000	.5423
789.000	.5475
790.000	.5238

ARC11-716 IA14 D1+T12+S12+S12H25+AT10 ET BASE RAKE   (RB1333)

ALPHA(3) = -6.320   BETA0 (6) =   2.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5314
789.000	.5556
790.000	.5390

ALPHA(3) = -6.330   BETA0 (7) =   4.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8091
789.000	.8016
790.000	.5563

ALPHA(3) = -6.360   BETA0 (8) =   6.050

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8426
789.000	.9023
790.000	.8035

ALPHA(3) = -6.270   BETA0 (9) =   8.100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8195
789.000	.9408
790.000	.8633

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 CR+T12+S12N25+AT10 ET BASE RAKE

ALPHA(3) = -6.260   BETAO (10) = 10.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8748
789.000	1.0180
790.000	.9308

ALPHA(4) = -6.200   BETAO (1) = -9.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1070
789.000	1.1899
790.000	1.1470

ALPHA(4) = -6.230   BETAO (2) = -7.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0610
789.000	1.1700
790.000	1.1040

ALPHA(4) = -6.180   BETAO (3) = -5.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9879
789.000	1.0780
790.000	1.0310

(RB1333)

DATE 07 JAN 76   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 DATA 0.732•512•25•RATIO ET BASE RAKE

ALPHAD(4) = -4.170   BETAD (4) = -2.570   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI	160.0000

TAP NO	
787.000	.0000
788.000	.6416
789.000	.5946
790.000	.4231

ALPHAD(4) = -4.150   BETAD (5) = -2.020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI	160.0000

TAP NO	
787.000	.0000
788.000	.7455
789.000	.8219
790.000	.0575

ALPHAD(4) = -4.060   BETAD (6) = -.020   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI	160.0000

TAP NO	
787.000	.0000
788.000	.5282
789.000	.5519
790.000	.5155

ALPHAD(4) = -4.230   BETAD (7) = 2.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI	160.0000

TAP NO	
787.000	.0000
788.000	.5270
789.000	.5513
790.000	.5151

ARC11-716 IA14 2A*T12*S12M25*AT10 ET BASE RAKE   (RB1333)

ALPHA(4) = -4.200   BETA(8) =   4.090   DEPENDENT VARIABLE CP

SECTION 1 1JET BASE RAKE

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.6217
789.000	.6251
790.000	.3760

ALPHA(4) = -4.210   BETA(9) =   6.060   DEPENDENT VARIABLE CP

SECTION 1 1JET BASE RAKE

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.8417
789.000	.8937
790.000	.0132

ALPHA(4) = -4.200   BETA(10) =   8.080   DEPENDENT VARIABLE CP

SECTION 1 1JET BASE RAKE

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.8579
789.000	.9676
790.000	.9226

ALPHA(4) = -4.180   BETA(11) = 10.090   DEPENDENT VARIABLE CP

SECTION 1 1JET BASE RAKE

PHI   100.0000

TAP NO	
787.000	.0000
788.000	.9453
789.000	1.0490
790.000	.9193

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 JA+112+S12+N25+A110 ET BASE RAKE   (RB1353)

ALPHA(3) = -2.870   BETAO (1) = -10.045

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1150
789.000	1.2250
790.000	1.1540

ALPHA(3) = -2.870   BETAO (2) = -8.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0660
789.000	1.1720
790.000	1.1030

ALPHA(3) = -2.870   BETAO (3) = -5.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0030
789.000	1.0970
790.000	1.0550

ALPHA(3) = -2.880   BETAO (4) = -3.920

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9445
789.000	.9763
790.000	.9154

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 CA+T12+S12M25+A110 ET BASE RAKE   (R01333)

ALPHA(5) = -2.060   BETA0 (5) =   -2.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7474
789.000   .0120
790.000   .6312

ALPHA(5) = -2.050   BETA0 (6) =   .020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5143
789.000   .5233
790.000   .5043

ALPHA(5) = -2.050   BETA0 (7) =   2.020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5360
789.000   .5404
790.000   .5823

ALPHA(5) = -2.770   BETA0 (8) =   4.100

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .6461
789.000   .6569
790.000   .6072

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. II

ARC11-716 IA14 O1+T12+S12M25+AT10 ET BASE RAKE   (RB1333)

ALPHA(5) = -2.790   BETAO (9) =   6.120   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8519
789.000	.9078
790.000	.8197

ALPHA(5) = -2.790   BETAO (10) =   8.140   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9226
789.000	1.0263
790.000	.9368

ALPHA(5) = -2.770   BETAO (11) = 10.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9608
789.000	1.0520
790.000	.9026

ALPHA(6) = -.700   BETAO (1) = -10.520   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1340
789.000	1.2690
790.000	1.1900

ARC11-716 1A14 O1+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(8) = -.730   BETAO (2) = -8.420   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0860
789.000	1.1660
790.000	1.0960

ALPHAO(8) = -.730   BETAO (3) = -6.290   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0450
789.000	1.1270
790.000	1.0510

ALPHAO(8) = -.710   BETAO (4) = -4.140   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9426
789.000	.9884
790.000	.9418

ALPHAO(8) = -.700   BETAO (5) = -2.080   DEPENDENT VARIABLE CP

SECTION (1) BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8843
789.000	.9912
790.000	.9479

ARCL1-716 IA14 G1+T12+S12+25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(6) =   -.700   BETAO (6) =   .030   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5228
789.000   .5210
790.000   .4967

ALPHAO(6) =   -.700   BETAO (7) =   2.160   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5476
789.000   .5388
790.000   .5081

ALPHAO(6) =   -.710   BETAO (8) =   4.270   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .7097
789.000   .6957
790.000   .6570

ALPHAO(6) =   -.730   BETAO (9) =   6.350   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8957
789.000   .9667
790.000   .8800

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1414 CX+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(6) =   -.750   BETAO (10) =   8.130   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9938
789.000   1.0460
790.000   .9291

ALPHAO(6) =   -.750   BETAO (11) =   10.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9787
789.000   1.0420
790.000   .8946

ALPHAO(7) =   2.010   BETAO (1) = -10.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.1640
789.000   1.2650
790.000   1.1940

ALPHAO(7) =   2.000   BETAO (2) =   -8.040   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0900
789.000   1.1530
790.000   1.0810

DATE 09 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 04+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(7) = 2.050   BETAO (3) = -6.040

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0110
789.000   1.0450
790.000   .9931

ALPHAO(7) = 1.920   BETAO (4) = -3.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9652
789.000   1.0120
790.000   .9571

ALPHAO(7) = 1.920   BETAO (5) = -2.020

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8245
789.000   .8732
790.000   .8722

ALPHAO(7) = 1.920   BETAO (6) =   .010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5483
789.000   .5514
790.000   .5311

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

(RB1333)

ARC11-716 IA14 01+T12+S12N25+AT10 ET BASE RAKE

ALPHAO(7) =   1.920   BETAO (7) =   2.050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5543
789.000	.5572
790.000	.5110

ALPHAO(7) =   1.900   BETAO (8) =   4.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.6925
789.000	.6863
790.000	.6468

ALPHAO(7) =   2.040   BETAO (9) =   6.080   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9446
789.000	1.0210
790.000	.9292

ALPHAO(7) =   2.030   BETAO (10) =   8.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0320
789.000	1.0530
790.000	.9086

(RB1333)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. II

AFC11-715 IA14 C1+T12+S12+25+AT10 ET BASE RAKE

ALPHAO(7) =   2.350   BETAO (11) =   10.150

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9883
789.000	1.0690
790.000	.9185

ALPHAO(8) =   4.300   BETAO (1) =   -9.980

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1980
789.000	1.2820
790.000	1.2070

ALPHAO(8) =   4.200   BETAO (2) =   -8.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1200
789.000	1.2010
790.000	1.1330

ALPHAO(8) =   4.200   BETAO (3) =   -5.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0120
789.000	1.0560
790.000	.9992

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

(RB1333)

ARC11-716 IA14 D1+T12+S12N25+AT10 ET BASE RAKE

ALPHAO(8) =   4.200   BETAO (4) = -3.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9647
789.000   1.0070
790.000   .9364

ALPHAO(8) =   4.220   BETAO (5) = -2.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .8365
789.000   .8672
790.000   .8594

ALPHAO(8) =   4.240   BETAO (6) =   -.070

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5679
789.000   .5804
790.000   .5544

ALPHAO(8) =   4.220   BETAO (7) =   1.990

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5608
789.000   .5486
790.000   .5078

DATE 07 JAN 73   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q(+T12+S12N25+AT10 ET BASE RAKE   (RB1333)

ALPHA0(8) =   4.430   BETA0 (8) =   4.100   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.7298
789.000	.7256
790.000	.6650

ALPHA0(8) =   -.410   BETA0 (9) =   5.060   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9680
789.000	1.0510
790.000	.9635

ALPHA0(8) =   4.410   BETA0 (10) =   8.150   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0390
789.000	1.0540
790.000	.8999

ALPHA0(8) =   4.390   BETA0 (11) =   10.140   DEPENDENT VARIABLE CP

SECTION (1) ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9972
789.000	1.0680
790.000	.9333

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11   (RB1333)

ARC11-716 1A14 QLvT12+S12N25+A110 ET BASE RAKE

ALPHA0(9) =   6.340   BETA0 (1) =   -9.960

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1900
789.000	1.3110
790.000	1.2440

ALPHA0(9) =   6.300   BETA0 (2) =   -7.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1410
789.000	1.2270
790.000	1.1530

ALPHA0(9) =   5.900   BETA0 (3) =   -6.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0300
789.000	1.0690
790.000	1.0160

ALPHA0(9) =   5.990   BETA0 (4) =   -4.010

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9638
789.000	.9916
790.000	.9371

(RB1333)

DATE 07 JAN 75   TABULATED PRESSURE DATA - IA14A - VOL. 11

ARC11-716 IA14 Q1+T12+S12N25+ATIO ET BASE RAKE

ALPHA(9) = 6.010   BETAQ (5) = -2.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.8725
789.000	.9076
790.000	.8746

ALPHA(9) = 6.020   BETAQ (6) = .050   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5872
789.000	.5918
790.000	.5768

ALPHA(9) = 6.010   BETAQ (7) = 2.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.5724
789.000	.5797
790.000	.5594

ALPHA(9) = 5.990   BETAQ (8) = 4.060   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	.9974
789.000	.6492
790.000	.6473

ARC11-716 1A14 CR+T12+S12R25+AT10 ET BASE RAKE   (RB1333)

ALPHA0(9) =   5.980   BETA0 (9) =   6.090

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9650
789.000   1.0370
790.000   .9557

ALPHA0(9) =   5.970   BETA0 (10) =   8.160

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0520
789.000   1.0480
790.000   .8991

ALPHA0(9) =   5.950   BETA0 (11) =   10.160

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.0210
789.000   1.0610
790.000   .8889

ALPHA0(10) =   7.010   BETA0 (1) = -10.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   1.2030
789.000   1.2900
790.000   1.2360

DATE 07 JAN 75   TABULATED PRESSURE DATA - 1A14A - VOL. 11

ARC11-716 1A14 1A*T12+S12+25*ATIO ET BASE RAKE   (R81335)

ALPHAO(10) =   7.930   BETAO (2) = -8.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   160.0000

TAP NO	
787.000	.0000
788.000	1.1160
789.000	1.1960
790.000	1.1490

ALPHAO(10) =   7.010   BETAO (3) = -5.970

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   160.0000

TAP NO	
787.000	.0000
788.000	1.0240
789.000	1.0690
790.000	1.0080

ALPHAO(10) =   7.030   BETAO (4) = -4.000

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   160.0000

TAP NO	
787.000	.0000
788.000	.9553
789.000	.9952
790.000	.9170

ALPHAO(10) =   7.030   BETAO (5) = -2.030

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   160.0000

TAP NO	
787.000	.0000
788.000	.8516
789.000	.8952
790.000	.8726

DATE 07 JAN 75 TABULATED PRESSURE DATA - IA1A - VOL. 11

ARC11-716 IA14 CA+TI2+SI2N25+AT1D ET BASE RAKE (RB:333)

ALPHAO(10) = 7.040 BETAO (6) = .040

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .5944
789.000 .6102
790.000 .5902

ALPHAO(10) = 7.030 BETAO (7) = 2.040

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .5745
789.000 .6039
790.000 .5657

ALPHAO(10) = 7.070 BETAO (8) = 4.060

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .6981
789.000 .7032
790.000 .6600

ALPHAO(10) = 7.070 BETAO (9) = 6.100

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .9639
789.000 1.0190
790.000 .9307

ARC11-716 TA14 OA+I12+S12N25+ATI0 ET BASE RAKE   (RB1333)

$ALPHAO(10) =$ 7.960 $BETAO (10) =$ 8.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0250
789.000	1.0490
790.000	.8954

$ALPHAO(10) =$ 7.960 $BETAO (11) =$ 10.230   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0340
789.000	1.0360
790.000	.8756

$ALPHAO(11) =$ 9.890 $BETAO (1) =$ -9.960   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.1760
789.000	1.2650
790.000	1.2240

$ALPHAO(11) =$ 9.930 $BETAO (2) =$ -7.920   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0870
789.000	1.1710
790.000	1.1110

ARC11-716 IA14 O1+T12-S12N25+AT10 ET BASE RAKE (RB1333)

ALPHAO(11) = 9.940 BETAO (3) = -6.010

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .9935
789.000 1.0360
790.000 .9820

ALPHAO(11) = 9.690 BETAO (4) = -3.990

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .9230
789.000 .9594
790.000 .9054

ALPHAO(11) = 9.900 BETAO (5) = -1.980

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .8686
789.000 .9207
790.000 .8846

ALPHAO(11) = 9.910 BETAO (6) = .020

SECTION (1)ET BASE RAKE DEPENDENT VARIABLE CP

PHI 180.0000

TAP NO
787.000 .0000
788.000 .5789
789.000 .6143
790.000 .5913

(6B1333)

TABULATED PRESSURE DATA   TABLE - VOL. 11

ANALYSIS DATA CH=T12+SIGMA25+A110 ET BASE RAKE

DATA OF JAN 77

ALPHAD(11) =   9.950   BETAD(7) =   2.040   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO
787.000   .0000
788.000   .5492
789.000   .5672
790.000   .5511

ALPHAD(11) =   9.950   BETAD(8) =   4.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   160.0000

TAP NO
787.000   .0000
788.000   .5847
789.000   .5916
790.000   .5532

ALPHAD(11) =   9.960   BETAD(9) =   6.100   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9095
789.000   .9506
790.000   .8533

ALPHAD(11) =   9.870   BETAD (10) =   8.110   DEPENDENT VARIABLE CP

SECTION (1)ET BASE RAKE

PHI   180.0000

TAP NO
787.000   .0000
788.000   .9929
789.000   1.0120
790.000   .8847

ARC11-716 1A14 C4+T12+S12+25+AT10 ET BASE RAKE   (RB1333)

ALPHAO(11) = 10.000   BETAO (11) =   10.190

SECTION (1)ET BASE RAKE   DEPENDENT VARIABLE CP

PHI   180.0000

TAP NO	
787.000	.0000
788.000	1.0390
789.000	1.0140
790.000	.8378